CondenseLM: LLMs-driven Text Dataset Condensation via Reward Matching

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Abstract

Dataset condensation has emerged as a promising technique to improve data efficiency under limited data budgets. However, when applied to the text level, existing methods struggle to compress more information into samples through optimization. Thus, these methods provide no obvious advantage over simpler coreset selection despite their high computational cost. In this paper, we introduce CondenseLM, a novel paradigm for both effective and efficient textlevel dataset condensation. Our framework employs an LLMs-driven approach to sidestep the inherent limitations of existing methods, successfully generating more informative and less biased samples. In addition, it incorporates reward matching to align the LLMs-condensed dataset with the original dataset, maximizing representability and coverage. We conducted extensive experiments on SST-2, MNLI, AG News, and IMDB. Our approach outperforms both coreset selection and existing dataset condensation methods by large margins while also substantially reducing the computational cost.

1 Introduction

The growing scale of datasets introduces burdens in storage and training costs, making training data efficiency a critical priority. Traditional coreset selection (Guo et al., 2022) selects a subset from the original dataset. However, when constrained to a low-data budget (e.g., 1\% of the original dataset), the coreset may fail to capture sufficient information for effective learning. In contrast, dataset condensation (Wang et al., 2018) generates a compact dataset that compresses more training information, leading to better performance in low-data budgets. These methods optimize the condensed dataset to match key properties (e.g., gradients, training trajectories) of the original dataset, which allows for comparable model performance with significantly less training data. We categorize this paradigm of methods as optimization-based condensation.

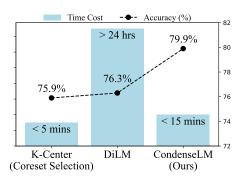


Figure 1: Time cost of selecting or generating a 10 data-per-class (DPC) training dataset for SST-2 vs. accuracy. DiLM (Maekawa et al., 2024), the current state-of-the-art in text-level dataset condensation, requires over 24 hours since it's optimization-based. However, this high computational cost yields only a marginal 0.4% performance gain over K-Center, a standard coreset selection baseline. In contrast, our approach achieves both effectiveness and efficiency in dataset condensation.

Most dataset condensation studies have mainly focused on image datasets, as the continuous pixel facilitates optimization. In contrast, applying this technique to text datasets is much more challenging due to the discrete nature of text. Early solutions explored embedding-level methods, optimizing input word embeddings instead of discrete text (Li and Li, 2021; Sucholutsky and Schonlau, 2021; Sahni and Patel, 2023; Maekawa et al., 2023). However, such embedding samples lack interpretability and fail to generalize across different models. To overcome these limitations, recent efforts have shifted towards text-level methods: (1) **Discretization** (Sucholutsky and Schonlau, 2021; Sahni and Patel, 2023) converts the optimized embeddings into text samples by finding the nearest tokens in the vocabulary; (2) DiLM (Maekawa et al., 2024) optimizes a proxy model to generate text samples that minimize the matching loss.

However, these attempts to adapt optimizationbased condensation at the text level are both *ineffective and inefficient*. Dataset condensation excels

Method	Gradient Similarity (%)
Coreset Selection K-Center	92.85
Optimization-based Condensation Discretization DiLM DiLM (embed.)	90.19 (-2.66) 92.97 (+0.12) 97.98 (+5.13)

Table 1: Gradient similarity between the 5-DPC datasets created via different methods and the original dataset on SST-2. All optimization-based condensation methods employ gradient matching loss, where higher similarity indicates more effective information compression into the condensed dataset. We can find that the embedding-level method, DiLM (embed.), significantly outperforms the text-level method, DiLM, despite sharing a similar algorithm and the same loss. Furthermore, none of the text-level methods (optimization-based) yields a notable improvement over the K-Center baseline (no optimization). More details are shown in Appendix A.4.

in the image domain, where it optimizes synthetic images to compress vast training information and achieve superior performance. However, Table 1 reveals that the identical optimization objective (i.e., gradient matching loss) fails to yield comparable effectiveness for text-level methods. This discrepancy arises because discrete text is inherently less expressive than continuous embeddings, restricting the information that can be compressed into text samples through optimization. Thus, these computationally expensive methods provide no significant performance advantage over simpler coreset selection, as clearly illustrated in Figure 1 and Table 4. This cost-benefit imbalance severely undermines the practical utility of this technique.

Given the discrete nature of text poses an inherent bottleneck to optimization-based condensation, we explore a new paradigm: *leveraging Large Language Models (LLMs)-generated data to improve data efficiency*. Here, we propose **CondenseLM**, a novel framework centered on two key questions:

How to generate high-quality text samples beyond current limitations? CondenseLM addresses this by introducing LLMs-driven Subset Condensation (LDSC). This module first utilizes the LLM as an "encoder" to extract features from a selected subset of the original dataset. Then we re-purpose it as a "decoder" to condense extracted features into a more compact subset while mitigating bias. LDSC achieves outstanding information compression: at just 20% or 25% of the original size, the condensed subset still maintains performance comparable to the original subset (see Table 10). This sharply contrasts with optimization-based condensation, which

Method	Performance	Efficiency	Generalization
Coreset Selection K-Center	✓	✓	✓
Optimization-based Condensation DiLM	✓	X	✓
LLMs-driven Condensation Ours	✓	✓	✓

Table 2: Comparison between representative methods in coreset selection, optimization-based condensation, and our proposed paradigm on three criteria: performance, efficiency, and generalization across different models. ✓, ✓, ✗ denote *Superior*, *Fair*, and *Poor*.

struggles to generate highly informative samples.

How to construct an LLMs-condensed dataset that optimally represents the original dataset? CondenseLM employs an iterative pipeline for full dataset condensation. In each iteration, we generate a condensed subset using LDSC module, and then the final dataset is constructed by aggregating all generated subsets. Importantly, we guide this process with **reward matching**. We identify two key factors for constructing a high-quality condensed dataset: representability and coverage. Thus, we leverage two reward models to score samples based on these metrics. In each iteration, these models guide the generation of new samples that align with their preferences. This ensures that the final condensed dataset can achieve maximal representability and coverage of the original dataset.

CondenseLM provides substantial benefits over existing methods (see Table 2). First, our method delivers a significant performance advantage. As shown in Figure 1, DiLM outperforms K-Center (coreset selection) by only 0.4% when compressing SST-2 to 10 data points per class (DPC), whereas CondenseLM surpasses the same baseline by 4%. Second, our method is highly efficient. While traditional dataset condensation methods typically rely on computationally expensive bi-level optimization (Lei and Tao, 2023), our approach eliminates the need to optimize samples (or a proxy model). DiLM takes over 24 hours to generate a 10-DPC dataset, whereas CondenseLM finishes in under 15 minutes. Third, our method exhibits strong crossmodel generalization due to its model-agnostic design. Our key contributions are as follows:

- We propose CondenseLM as the *first* method to achieve both effectiveness and efficiency in text-level dataset condensation, reshaping the practical utility of this technique.
- We demonstrate that optimization-based condensation is inherently constrained when ap-

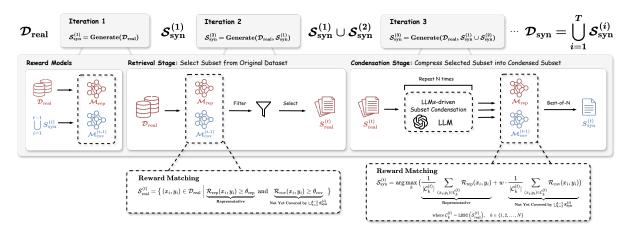


Figure 2: **CondenseLM.** This figure visualizes the proposed framework. **Top:** The task is decomposed into an iterative, subset-wise condensation process. **Middle:** In each iteration, we select a subset from the original dataset and condense this subset into a compact subset through LDSC module. **Bottom:** Reward matching is deployed in each iteration to guide the generation of a new condensed subset that optimally contributes to the representability and coverage of the final condensed dataset.

plied to the text level, and develop an LLMs-driven approach as a more effective solution.

- We introduce reward matching mechanism to align the LLMs-condensed dataset with the original dataset, maximizing representability and coverage.
- Extensive experiments on four datasets show that our method achieves state-of-the-art while substantially reducing condensation cost and improving cross-model generalization.

2 Methods

2.1 Preliminaries

Let $\mathcal{D}_{\text{real}} = \{(x_i, y_i)\}_{i=1}^{N_{\text{real}}}$ represents the large original training dataset, where x_i denotes the input sequence and y_i denotes the corresponding label. The objective of dataset condensation is to generate a compact condensed dataset \mathcal{D}_{syn} with a size $N_{\text{syn}} \ll N_{\text{real}}$, such that models trained on \mathcal{D}_{syn} perform comparably to those trained on $\mathcal{D}_{\text{real}}$.

2.2 Overall Framework

We first outline the pipeline of our framework, as shown in Figure 2 and Algorithm 1.

Iterative, Subset-wise Condensation. Our framework systematically constructs a condensed dataset through multiple iterations. Each iteration consists of two primary stages: **Retrieval Stage** and **Condensation Stage**.

For each iteration t:

- (1) **Retrieval Stage**: a subset $S_{\text{real}}^{(t)}$ of size K is selected from the original dataset $\mathcal{D}_{\text{real}}$.
- (2) Condensation Stage: then this selected subset $\mathcal{S}_{\text{real}}^{(t)}$ is condensed into a compact subset $\mathcal{S}_{\text{syn}}^{(t)}$ with a reduced size $K' = \frac{K}{n}$, where $n \geq 2$. This subset-level condensation is accomplished by LDSC module (see Section 2.3).

This two-stage process is executed over T iterations, sequentially generating T condensed subsets. The final condensed dataset is constructed as the union of all subsets generated:

$$\mathcal{D}_{ ext{syn}} = igcup_{i=1}^T \mathcal{S}_{ ext{syn}}^{(i)}$$
 , where $N_{ ext{syn}} = K' \cdot T$

Reward Matching. We deploy reward matching in each iteration to progressively promote both representability and coverage of the LLMs-condensed dataset (see Section 2.4).

2.3 LLMs-driven Subset Condensation

Revisiting LLMs-driven Data Generation. Existing LLMs-driven data generation studies (Long et al., 2024) primarily focus on data augmentation, leaving dataset condensation unexplored. However, as shown in Table 7 and 9, these prompting strategies or generation frameworks fail to transfer from augmentation to condensation. Unlike expanding a dataset, dataset condensation creates a compact dataset that facilitates model learning with minimal data. From this perspective, we identify two unique objectives: (1) Informativeness—maximizing the training information available for data-scarce learning, and (2) Bias Mitigation—minimizing potential biases that may arise from limited data.

¹Existing dataset condensation techniques are primarily limited to classification tasks (Lei and Tao, 2023).

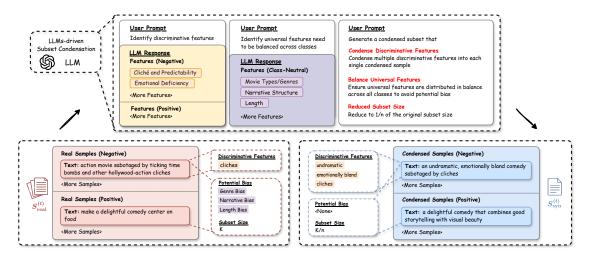


Figure 3: **LLMs-driven Subset Condensation (LDSC) Module.** This figure illustrates this process for SST-2: 1). identifying discriminative features and universal features within the selected subset. 2). generating a condensed subset that is **more compact** (typically 20% - 50% of the original subset size), **more information-dense** (more discriminative features are condensed into each sample), and **less biased** (avoid the potential bias caused by the imbalance of universal features).

Multi-Step Subset Condensation. To meet these goals, our approach, shown in Figure 3, follows a multi-step generation process. Given a selected subset, we leverage the LLM to identify both discriminative features and universal features within this subset. Discriminative features are critical patterns for classification, while universal features are neutral patterns shared across classes. Once these features are extracted, we instruct the LLM to generate a more compact subset of samples (typically 20%-50% of the original subset size) that (1) condense multiple discriminative features into each sample, and (2) maintain a balanced distribution of universal features across all classes.

Advantages of Condensed Subset. Compared to the original subset, the condensed subset is smaller yet more information-dense, as it integrates more discriminative features (e.g., undramatic, emotionally bland, cliches) into each sample. In contrast, a single real sample contains only limited discriminative features (e.g., cliches). Moreover, the condensed subset exhibits less bias. As shown in Figure 3, the original subset may over-represent comedy reviews in the positive class and induce model overfitting to such bias. Our approach ensures that universal features (e.g., movie type, narrative style) can be evenly distributed across all classes.

2.4 Reward Matching

The next challenge is to ensure these subsets generated by LDSC module collectively form a dataset that effectively represents the original dataset.

Dataset Alignment. To achieve this goal, we leverage two reward models: **representability reward model** and **coverage reward model**. These models assign scores to each sample based on how well it captures representative patterns not yet covered by the existing condensed subsets $\bigcup_{i=1}^{t-1} \mathcal{S}_{\text{syn}}^{(i)}$. During each iteration, these reward models guide the generation of a new condensed subset, $\mathcal{S}_{\text{syn}}^{(t)}$, that aligns with their preferences. Upon completion of all iterations, the final dataset, $\mathcal{D}_{\text{syn}} = \bigcup_{i=1}^{T} \mathcal{S}_{\text{syn}}^{(i)}$, achieves maximal **representability** and **coverage** of the original dataset. The algorithm is presented in Algorithm 1. Next, we will introduce these reward models and then detail their implementation.

Representability Reward Model. Previous study (Yang et al., 2024) has demonstrated that models trained with heavy regularization (e.g., early stopping) prioritize learning the most common, generalizable features of a task while neglecting rare, difficult ones. This parallels the information stored in condensed datasets under strict size constraints.

Building on this insight, we initially train a representability reward model \mathcal{M}_{rep} on the original dataset \mathcal{D}_{real} under **heavy regularization**:

$$\mathcal{M}_{rep} = \arg\min_{\mathcal{M}_{rep}} \mathcal{L}(\mathcal{M}_{rep}; \mathcal{D}_{real})$$

Only samples with common, generalizable patterns can be effectively recognized by \mathcal{M}_{rep} . We then use the predictions of \mathcal{M}_{rep} to evaluate the representability of a given sample (x_i, y_i) :

$$\mathcal{R}_{\text{rep}}(x_i, y_i) = \mathcal{M}_{\text{rep}}(x_i)_{y_i} \tag{1}$$

where \mathcal{R}_{rep} is the **representability-based reward** score, and $\mathcal{M}(x_i)_{y_i}$ is the model's confidence in the correct label. A higher \mathcal{R}_{rep} indicates that this sample captures common, generalizable patterns present in the original dataset $\mathcal{D}_{\text{real}}$.

Coverage Reward Model. During each iteration t, we train a coverage reward model $\mathcal{M}_{\text{cov}}^{(t-1)}$ on the existing condensed subsets $\bigcup_{i=1}^{t-1} \mathcal{S}_{\text{syn}}^{(i)}$:

$$\mathcal{M}_{\text{cov}}^{(t-1)} = \arg\min_{\mathcal{M}_{\text{cov}}^{(t-1)}} \mathcal{L}\left(\mathcal{M}_{\text{cov}}^{(t-1)}; \bigcup_{i=1}^{t-1} \mathcal{S}_{\text{syn}}^{(i)}\right)$$

To evaluate whether including a new sample (x_i, y_i) can improve the coverage of the existing data, we compare the predictions of \mathcal{M}_{rep} and $\mathcal{M}_{\text{cov}}^{(t-1)}$. The **coverage-based reward score** is defined as:

$$\mathcal{R}_{cov}(x_i, y_i) = \mathcal{M}_{rep}(x_i)_{y_i} - \mathcal{M}_{cov}^{(t-1)}(x_i)_{y_i} \quad (2)$$

A higher \mathcal{R}_{cov} indicates that this sample introduces new patterns present in the original dataset $\mathcal{D}_{\text{real}}$ but not yet covered by the existing condensed subsets $\bigcup_{i=1}^{t-1} \mathcal{S}_{\text{syn}}^{(i)}$.

Reward Matching in Retrieval Stage. Retrieval Stage selects a subset $\mathcal{S}_{\text{real}}^{(t)}$ from the original dataset $\mathcal{D}_{\text{real}}$. To guide this process, we evaluate $\mathcal{D}_{\text{real}}$ using the reward models. The objective is to retain only those samples with high reward scores:

$$\mathcal{R}_{\text{rep}}(x_i, y_i) \ge \theta_{\text{rep}} \wedge \mathcal{R}_{\text{cov}}(x_i, y_i) \ge \theta_{\text{cov}}$$
 (3)

where $(x_i, y_i) \in \mathcal{D}_{\text{real}}$. After the filtering, we apply the K-Center algorithm to select the subset $\mathcal{S}_{\text{real}}^{(t)}$ from the filtered dataset. This mechanism ensures that, at each iteration, we only focus on the original data distribution that is both representative and remains under-explored in previous iterations.

Reward Matching in Condensation Stage. Condensation Stage compresses the previously selected subset $\mathcal{S}_{\text{real}}^{(t)}$ into a condensed subset $\mathcal{S}_{\text{syn}}^{(t)}$. To ensure $\mathcal{S}_{\text{syn}}^{(t)}$ aligns with the desired criteria, we implement Best-of-N sampling (Stiennon et al., 2020). For the same subset $\mathcal{S}_{\text{real}}^{(t)}$, we repeat the condensation process multiple times, allowing the LLM to generate multiple candidate subsets.

Then, each candidate subset is evaluated using the reward models. Specifically, for every sample in the subset, we compute a weighted reward score:

$$\mathcal{R}_{\text{rep}}(x_i, y_i) + w \cdot \mathcal{R}_{\text{cov}}(x_i, y_i)$$
 (4)

The candidate with the highest cumulative score is selected as the condensed subset $\mathcal{S}_{\text{syn}}^{(t)}$. This mechanism ensures that the final condensed subset best matches the preference of reward models.

Algorithm 1 CondenseLM

```
\begin{split} \textbf{Input:} & \text{ original dataset } \mathcal{D}_{\text{real}}, \text{ number of iterations } T, \text{ Best-of-} \\ & \text{ N parameter } N \\ \mathcal{M}_{\text{rep}} & = \text{Train}(\mathcal{D}_{\text{real}}) \\ \textbf{for } t = 1, \dots, T & \textbf{do} \\ & & \mathcal{M}_{\text{cov}}^{(t-1)} & = \text{Train}\left(\bigcup_{i=1}^{t-1} \mathcal{S}_{\text{syn}}^{(i)}\right) \\ & \text{ ### Retrieval Stage ###} \\ & \mathcal{D}_{\text{filtered}} & = \text{Filter}(\mathcal{D}_{\text{real}}, \mathcal{M}_{\text{cov}}^{(t-1)}, \mathcal{M}_{\text{rep}}) \\ & \mathcal{S}_{\text{real}}^{(t)} & = \text{Select}(\mathcal{D}_{\text{filtered}}) \\ & \text{ ### Condensation Stage ###} \\ & S_{\text{syn}}^{(t)} & = \text{Best-of-N}\Big(\bigcup_{k=1}^{N} \text{LDSC}\big(\mathcal{S}_{\text{real}}^{(t)}\big), \; \mathcal{M}_{\text{cov}}^{(t-1)}, \; \mathcal{M}_{\text{rep}}\Big) \\ & \textbf{end} \end{split}
```

Output : $\mathcal{D}_{\text{syn}} = \bigcup_{i=1}^{T} \mathcal{S}_{\text{syn}}^{(i)}$

Dataset	# Original	# Condensed	Sub. Comp. Ratio
SST-2	20	5	25%
MNLI	10	5	50%
AG News	10	2	20%
IMDB	5	1	20%

Table 3: Parameters of subset size in LDSC module. # **Original** is the size of the selected subset. # **Condensed** is the size of the condensed subset. **Sub. Comp. Ratio** is the subset compression ratio.

3 Experiments

3.1 Experiment Settings

Datasets. We experiment on four large-scale text classification datasets: SST-2 (Socher et al., 2013), MNLI (Williams et al., 2018), AG News (Zhang and LeCun, 2015), and IMDB (Maas et al., 2011). These datasets span diverse classification tasks and sequence lengths, demonstrating our method's versatility. More details are shown in Appendix A.2.

Baselines. We compare against four categories of baselines: (1) existing text-level dataset condensation baselines (Table 4): Discretization (Sucholutsky and Schonlau, 2021; Sahni and Patel, 2023) and DiLM (Maekawa et al., 2024); (2) standard coreset selection baselines commonly compared in dataset condensation studies (Table 4): Random, Herding (Welling, 2009) and K-Center (Sener and Savarese, 2018); (3) recent state-of-the-art coreset selection baselines (Table 5): EL2N (Paul et al., 2021), Moderate (Xia et al., 2023) and G-DIG (Pan et al., 2024); (4) LLMs-generated datasets via alternative prompting strategy (Table 7) or generation framework (Table 9). Baselines in categories (1)-(3) use BERT_{base} (Devlin et al., 2019) as the base model for selection or condensation.

Evaluation. We primarily follow standard setups of the current state-of-the-art, DiLM. We compress the original dataset to 5, 10, and 20 data per class (DPC). These resulting datasets are used to train

Dotosot	Dataset DPC		Coreset Selection (Real Data)		Dataset Condensation (Synthetic Data)			Full
Dataset DPC	Drc	Random	Herding	K-Center	Discretization	DiLM	Ours	Full
SST-2 (2 classes, 67.3k)	5 10 20	$ \begin{vmatrix} 58.1 \pm 5.2 \\ 64.3 \pm 7.4 \\ 70.3 \pm 6.8 \end{vmatrix} $	70.2 ± 5.7 73.2 ± 5.7 76.9 ± 4.4	$\begin{array}{c} 70.8 \pm 4.1 \\ 75.9 \pm 4.7 \\ 79.8 \pm 3.5 \end{array}$	$\begin{array}{c} 52.8 \pm 1.2 \\ 54.0 \pm 2.8 \\ 55.6 \pm 4.3 \end{array}$	$\begin{array}{c} 72.5 \pm 5.9 \\ 76.3 \pm 4.6 \\ 80.3 \pm 2.8 \end{array}$	$\begin{array}{c} \textbf{77.2} \pm \textbf{4.9} \\ \textbf{79.9} \pm \textbf{3.1} \\ \textbf{82.4} \pm \textbf{2.5} \end{array}$	92.7
MNLI (3 classes, 392k)	5 10 20	$\begin{array}{c c} 35.6 \pm 2.1 \\ 37.7 \pm 2.6 \\ 40.1 \pm 3.2 \end{array}$	36.2 ± 3.8 38.7 ± 3.7 42.8 ± 3.5	$36.2 \pm 2.4 41.8 \pm 3.2 45.3 \pm 3.0$	32.3 ± 0.6 33.0 ± 0.8 33.7 ± 1.2	39.7 ± 2.7 44.8 ± 3.1 48.7 ± 2.6	$egin{array}{c} 46.0 \pm 2.3 \ 49.2 \pm 2.1 \ 51.3 \pm 1.6 \end{array}$	86.7
AG News (4 classes, 120k)	5 10 20	$ \begin{array}{c c} 73.2 \pm 4.4 \\ 81.1 \pm 2.5 \\ 82.5 \pm 2.3 \end{array} $	81.3 ± 1.1 83.8 ± 0.9 85.4 ± 0.8	$\begin{array}{c c} 80.5 \pm 2.0 \\ 83.1 \pm 1.1 \\ 85.7 \pm 0.9 \end{array}$	41.0 ± 6.6 48.5 ± 6.8 51.1 ± 7.2	- - -	$\begin{array}{c} 82.8 \pm 2.7 \\ 84.9 \pm 2.1 \\ 86.6 \pm 1.5 \end{array}$	94.7
IMDB (2 classes, 25k)	5 10 20	$ \begin{array}{c c} 56.7 \pm 5.7 \\ 62.8 \pm 2.9 \\ 65.6 \pm 4.1 \end{array} $	63.3 ± 6.1 68.4 ± 5.2 77.5 ± 3.9	$67.1 \pm 5.4 70.9 \pm 4.5 78.3 \pm 3.2$	- - -	- - -	$\begin{array}{c} 75.9 \pm 6.0 \\ 77.4 \pm 5.6 \\ 79.0 \pm 4.4 \end{array}$	94.2

Table 4: Performance comparison with text-level dataset condensation and standard coreset selection baselines. **Full** denotes training on the full dataset. The best results are marked in **bold**. The missing results are due to scalability issues imposed by memory constraints. The statistical significance is validated in Appendix A.1.

D 4 4	DDC	Coreset	Selection (Red	al Data)	
Dataset	DPC	EL2N	Moderate	G-DIG	Ours
SST-2	5 10 20	$\begin{vmatrix} 31.9 \pm 3.4 \\ 32.3 \pm 5.6 \\ 28.2 \pm 5.3 \end{vmatrix}$	68.0 ± 5.6	$72.4 \pm 3.7 75.0 \pm 4.4 77.2 \pm 4.6$	$77.2 \pm 4.9 \\ 79.9 \pm 3.1 \\ 82.4 \pm 2.5$
MNLI	5 10 20	$\begin{vmatrix} 31.8 \pm 0.7 \\ 30.9 \pm 1.0 \\ 31.4 \pm 1.0 \end{vmatrix}$	35.0 ± 1.0 34.4 ± 0.9 34.4 ± 1.2	35.1 ± 1.2 39.4 ± 1.4 42.0 ± 1.2	$egin{array}{c} 46.0 \pm 2.3 \ 49.2 \pm 2.1 \ 51.3 \pm 1.6 \end{array}$

Table 5: Performance comparison with state-of-the-art coreset selection baselines.

BERT_{base} (different test models evaluated in Table 6) with a learning rate of 1×10^{-4} and a batch size of 64 for 200 steps. Test accuracy is reported.

Implementation. We use GPT-4o (OpenAI, 2024) as the generation model (also demonstrating the feasibility with small LLMs in Table 8) and BERT_{base} as the reward models. The reward model \mathcal{M}_{rep} is trained under heavy regularization with a dropout ratio of 0.3 and early stopping. Table 3 details the subset size parameters. The compression ratio of the condensed subset ranges between 20% and 50% across different datasets, depending on sequence length and label number. More details are shown in Appendix A.4.

3.2 Primary Results

Performance Comparison with Baselines. Table 4 presents a comparison with different baselines. The results reveal limitations of optimization-based condensation methods. Discretization suffers from substantial information loss when converting optimized embeddings into text, leading to poor performance. DiLM achieves only marginal improvements over coreset selection baselines, outperforming K-Center by just 0.4%-1.7% on SST-2. Moreover, these methods face scalability issues due to large memory demands, when applied to datasets such as IMDB, which contains long-form samples.

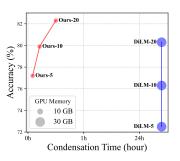


Figure 4: Condensation time vs. accuracy on SST-2 with 5/10/20-DPC. The size of each scatter bubble indicates the peak GPU memory incurred during condensation.

In contrast, our method consistently delivers superior performance across different datasets and data budgets. Notably, as the budget is highly constrained, its advantage becomes more pronounced. Specifically, with a 5-DPC setting, our approach outperforms DiLM by 4.7% on SST-2 and 6.3% on MNLI. We attribute such performance gain to the increased informativeness and reduced bias inherent in LLMs-condensed datasets. However, on AG News, the performance gain is relatively smaller, likely because the task's simplicity allows models to learn effectively, regardless of the method used.

Performance Comparison with Recent Coreset Selection Baselines. We further compare with recent state-of-the-art coreset selection baselines in Table 5. These methods are primarily developed for abundant data budgets (e.g., selecting 50% of the original dataset). They become ineffective when the data budget is highly constrained, as their performance degenerates significantly (in some cases, even much worse than random selection). In such data-limited scenarios, CondenseLM provides the optimal solution.

Efficiency Comparison. Figure 4 illustrates that our approach substantially reduces condensation

Dataset	Test Model	K-Center	DiLM	Ours
SST-2	RoBERTa _{base} BERT _{large} XLNet _{base}	$ \begin{vmatrix} 73.9 \pm 5.2 \\ 80.4 \pm 9.1 \\ 71.8 \pm 5.8 \end{vmatrix} $	78.1 ± 3.8 83.1 ± 6.2 77.9 ± 4.7	$80.3 \pm 3.4 \ 85.9 \pm 3.1 \ 81.0 \pm 4.8$
MNLI	RoBERTa _{base} BERT _{large} XLNet _{base}	$ \begin{vmatrix} 44.5 \pm 2.6 \\ 48.7 \pm 4.2 \\ 43.5 \pm 2.7 \end{vmatrix} $	45.0 ± 2.8 49.6 ± 4.4 44.7 ± 2.7	$55.8 \pm 2.1 \ 52.3 \pm 2.6 \ 54.7 \pm 1.7$

Table 6: Cross-model performance on SST-2 and MNLI with 20-DPC. All baselines use BERT_{base} as the base model for selection or condensation.

time and peak GPU memory usage compared to the current state-of-the-art, DiLM. Unlike traditional methods, CondenseLM does not require extensive iterations to optimize samples (or a proxy model), which incurs substantial computational overhead. This increased efficiency enables CondenseLM to scale effectively to large datasets.

Cross-Model Generalization. Table 6 shows the generalization ability of our method across different test models. K-Center and DiLM exhibit poor generalization on XLNet_{base}, RoBERTa_{base}, which considerably differ from BERT_{base}, the model used for their selection or condensation process. In contrast, CondenseLM maintains robust performance despite the model difference by not overfitting to a particular model's parameters. On MNLI, for example, it achieves a 10.0%-11.2% improvement in generalization performance on XLNet_{base}.

Qualitative Results. Tables 14 and 15 provide examples of condensed samples for SST-2 and IMDB with 5-DPC, along with the prompt template presented in Figure 6. We observe that, relative to the real sample, the LLMs-condensed sample distills more critical information for classification while exhibiting reduced bias.

3.3 Analysis

In this section, we present a detailed QA-style analysis of our approach, with key conclusions *high-lighted*. More analysis is shown in Appendix A.1.

3.3.1 Ablation Studies.

Table 7 presents ablation studies that evaluate the impact of each proposed key component:

Whether naive LLMs prompting strategy can replace LDSC module? When we replace LDSC module with direct prompting LLMs for few-shot data generation, there is a significant performance drop. This shows that relying solely on LLMs' generative capabilities is not sufficient for generating high-quality samples for our task.

LDSC	RepRM	CovRM	HeavyReg	SST-2	MNLI
✓	✓	✓	✓	82.4 ± 2.5	$\textbf{51.3} \pm \textbf{1.6}$
-	/	/	✓	79.2 ± 4.3	44.9 ± 1.7
/	-	✓	-	78.9 ± 4.9	45.3 ± 2.5
/	✓	-	/	80.2 ± 3.6	46.3 ± 3.7
✓	✓	✓	-	79.9 ± 3.6	47.8 ± 2.2

Table 7: Ablation studies of key components on SST-2 and MNLI with 20-DPC. LDSC: synthetic data generation through LDSC module (vs. through naive few-shot LLMs prompting). RepRM: including the representability reward model. CovRM: including the coverage reward model. HeavyReg: training the representability reward model with heavy regularization.

Generation Model	Open-Source		SST-2	MNLI
GPT-4o	Х	Π	77.2 ± 4.9	46.0 ± 2.3
GPT-4o-mini	X		76.2 ± 5.2	43.5 ± 2.1
Qwen2.5-14B	/		75.0 ± 4.2	45.1 ± 2.0
Gemma2-9B	/		75.9 ± 4.4	41.9 ± 2.8

Table 8: Performance of using different generation models on SST-2 and MNLI with 5-DPC.

How do reward models influence the quality of the condensed dataset? Our analysis of individual reward model contributions demonstrates that both representability and coverage are essential for constructing a high-quality condensed dataset, as the removal of either reward model results in a marked decline in performance. Specifically, to replace the coverage reward model in the Retrieval Stage, we perform K-Means clustering once and select subsets from the resulting clusters.

How does heavy regularization influence the reward model? We examine the impact of heavy regularization in training the representability reward model, finding that it provides *more reliable reward signals for evaluating sample representability*. Unlike a well-performing model, an over-regularized model prioritizes common, important patterns but struggles with rare, difficult cases.

3.3.2 LLMs-driven Subset Condensation.

How well does this method work with smaller-scale LLMs? Table 8 shows performance across different LLMs for generation. Even with smaller, open-source LLMs such as Qwen2.5-14B (Qwen and et al., 2024) and Gemma2-9B (Team and et al., 2024), CondenseLM still outperforms all baselines from Table 4 and 5 by at least 2.5% on SST-2 and 2.2% on MNLI. These results validate the robustness of our method across different LLMs.

Whether the performance gain is primarily due to prior knowledge of generation models? Paralleling our work, recent studies in the image domain

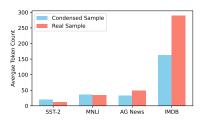


Figure 5: Average sequence length for samples in the condensed and selected datasets, with token counts measured using the BERT_{base} tokenizer.

have increasingly explored diffusion models (Su et al., 2024; Gu et al., 2024; Chen et al., 2025) for superior performance. This emerging trend raises a question: are these improvements primarily due to more effective condensation methods or strong priors from generation models? We have addressed this concern for our work: (1) Table 8 shows our method does not necessarily rely on LLMs with exceptionally strong priors (e.g., GPT-4o). (2) Table 7 indicates that replacing the proposed condensation method (i.e., LDSC) with few-shot prompting without condensation results in a performance drop below K-Center and DiLM baselines from Table 4. These results confirm that the novel condensation method, rather than strong priors, is the primary driver of the performance gain over baselines.

Whether LLMs-condensed samples have significantly longer sequence length? As demonstrated in Figure 5, the performance gain of CondenseLM does not come at the cost of significantly longer sequence lengths. In fact, for IMDB, the condensed samples are notably shorter because they focus only on critical information while ignoring redundant information from the real samples.

3.3.3 Framework with Reward Matching.

Whether an external framework is necessary? LLMs can't process the entire large dataset at once. There is a need for an external framework to *break* down the condensation task in a manageable way.

Whether the data augmentation framework can replace ours for the condensation task? In a state-of-the-art LLMs-driven data generation framework (Wang et al., 2023; Lee et al., 2024; Li et al., 2025), new samples are iteratively generated by targeting error predictions from models trained on existing data. Like ours, this framework also uses an iterative pipeline and proves effective for data augmentation. However, as shown in Table 9, *it falls short for the condensation task*. The limitation lies in its tendency to overemphasize rare, difficult patterns.

Framework	SST-2	MNLI
Ours	82.4 ± 2.5	$\textbf{51.3} \pm \textbf{1.6}$
Error Extrapolation	80.1 ± 3.0	43.2 ± 2.7

Table 9: Performance comparison of our framework with a recent state-of-the-art data generation framework on SST-2 and MNLI with 20-DPC. **Error Extrapolation** (Wang et al., 2023; Lee et al., 2024; Li et al., 2025) iteratively generates samples by extrapolating errors.

While this promotes coverage, it is not suitable for constructing a compact dataset. Reward matching in our framework addresses it by (1) using a reward model to target representative patterns, (2) setting a relatively small threshold $\theta_{\rm cov}$ to include more than misclassified cases in the selected subset.

What are practical scenarios for this method? Our method largely outperforms existing methods under strict data constraints, proving particularly beneficial in scenarios with highly limited computational resources. For example, edge devices (e.g., mobile, IoT devices) face challenges including restricted power consumption and storage capacity, which hinder on-device training with large-scale datasets. Our method addresses this limitation by condensing the dataset into a highly compact form, largely reducing training time and storage.

4 Related Work

Optimization-based Condensation. Dataset condensation, first introduced by (Wang et al., 2018), aims to generate a compact condensed dataset that performs comparably to the original dataset. This typically involves a bi-level optimization process. The inner loop updates the model parameters using synthetic data, while the outer loop updates synthetic data itself to match the training behaviors of real data. Typical data matching losses include gradient matching (Zhao et al., 2021; Lee et al., 2022; Jiang et al., 2022; Loo et al., 2023), performance matching (Wang et al., 2018; Zhou et al., 2022; Loo et al., 2022), distribution matching (Wang et al., 2022; Zhao and Bilen, 2023; Zhao et al., 2023), and trajectory matching (Cazenavette et al., 2022; Du et al., 2023; Cui et al., 2023). However, this technique, developed for continuous data such as images, remains largely ineffective for text.

5 Conclusion

In this work, we first show that optimization-based condensation fails to achieve comparable effectiveness for discrete text. Then, we explore the possibility of leveraging LLMs and reward models for dataset condensation. Extensive empirical evidence demonstrates that our method consistently outperforms existing approaches in performance, condensation efficiency, and cross-model generalization. These results highlight the potential of *a new paradigm* for improving text data efficiency.

Limitations

This study has several limitations. First, our approach is limited to text classification tasks, which reflects the inherent constraints in existing dataset condensation techniques. However, our motivation is to explore methods for generating samples that enhance model learning with limited data. Consequently, some considerations—such as increasing sample informativeness—may be applicable to a broader range of tasks. As the initial exploration of a new paradigm, we reasonably leave the extension of our method to broader tasks (e.g., translation, summarization, QA) and settings (e.g., additional languages) to future work. Second, we did not incorporate the latest prompt engineering techniques to optimize the generation quality of LLMs. We believe that integrating these methods could further enhance our method's performance. Third, we used a commercial LLM for the best performance, but its cost remains a concern. However, this can be addressed since our method has demonstrated promising results with small, open-source LLMs.

Ethical Statement

We recognize that LLMs themselves may inherit broader pre-training biases from web data, such as stereotypes or skewed viewpoints, which may propagate to generated data. This is different from biases that could arise from imbalances in universal features across classes, which are specifically mitigated in our method. This issue is not unique to our method but remains a field-wide challenge in LLM-based studies. While our focus is on training data efficiency, we strongly encourage practitioners to pay attention to this issue and, when appropriate, combine our method with existing bias mitigation techniques such as debiasing algorithms or data filtering.

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A Appendix

A.1 Analysis.

Due to the page limit, we have to move some analysis to the Appendix.

How well LDSC module enables effective information compression? In Table 10, we compare the subset performance before and after applying LDSC. Except for AG News, the condensed subset, shrunk to only 20% to 50% of the original subset size, still maintains performance comparable to the original subset. This demonstrates that LDSC module enables effective information compression into the condensed samples.

Whether the reported improvements are statistically significant? For each setting, we generated 5 datasets using our method and trained 20 models for each of them. We report the mean and standard deviation computed over these 100 trained models—the same as DiLM (Maekawa et al., 2024). To ensure statistical rigor, we performed t-tests across all settings presented in Table 4. The p-values are all below 0.05 (statistically significant) for all comparisons except IMDB 20-DPC versus K-Center.

Whether the LLMs cost for condensation is justified? Dataset condensation is treated as a one-time cost, making the use of LLMs during the condensation process justifiable. This initial investment generates a compact, reusable dataset that can be easily stored and yields long-term efficiency benefits. Once generated, this dataset can be repeatedly used for efficient training of different small-scale models (e.g., BERT-base) in different resource-constrained environments (e.g., mobile, IoT devices).

Whether the performance is inflated due to data **contamination?** There is a potential risk that is universal in all LLMs-driven data generation studies: the LLMs may have been pre-trained on test data and leak the knowledge into generated training data, thus inflating the reported performance. To address this concern, we conducted the decontamination experiment following protocols from previous work (Ubani et al., 2023; Lee et al., 2024). In specific, for each sample in the condensed dataset, we calculate its word overlap percentage with each sample from the corresponding training (or test) set after removing punctuation and stop words, and take the maximum value as its overlap score. We report the average overlap score across all condensed samples in Table 11. The results show that (1) our condensed datasets exhibit no large-scale

Dataset	Original	Condensed	Sub. Comp. Ratio
SST-2 MNLI AG News IMDB	$ \begin{vmatrix} 79.1 \pm 4.2 \\ 42.5 \pm 2.9 \\ 84.5 \pm 0.9 \\ 65.8 \pm 4.3 \end{vmatrix} $	77.2 ± 4.9 46.0 ± 2.3 78.5 ± 1.8 63.5 ± 6.2	$25\% \\ 50\% \\ 20\% \\ 20\%$

Table 10: Subset performance before and after applying LDSC. **Original** denotes the accuracy of the subset before condensation. **Condensed** denotes the accuracy of the condensed subset. These evaluations are taken at the first iteration of the CondenseLM process.

Dataset	Avg. (Training)	Avg. (Test)	> 40% (Test)
SST-2	35.66%	21.04%	0
MNLI	68.67%	19.42%	0
AG News	27.16%	19.04%	0
IMDB	20.96%	16.62%	0

Table 11: Decontamination experiment. Avg. denotes the average of per-sample overlap scores between the 20-DPC condensed datasets and the corresponding training (or test) set. > 40% indicates the number of samples whose overlap score with the test set exceeds 40%.

word overlap with the test set, (2) the average overlap score with the test set is substantially lower than with the training set, and (3) no condensed sample has an overlap score greater than 40% with the test set. These findings confirm that the reported performance of our method is not inflated by test set contamination.

How well does the proposed method compare to instance selection? To broaden baseline coverage, we further compared one recent instance selection method — E2SC-IS (Cunha et al., 2023a). Instance selection evaluates each sample based on certain selection or removal criteria, without a fixed budget, which results in a dataset of arbitrary size (Cunha et al., 2023b). We adapt this method to predefined-size constraints, the setting of our work. As shown in Table 12, our method substantially outperforms E2SC-IS.

A.2 Dataset Information.

Below is a brief overview of the four benchmark datasets used in our experiments.

SST-2. SST-2 (Socher et al., 2013) is a sentiment classification dataset derived from movie review sentences. The dataset includes 67.3k training samples, each labeled as either positive or negative.

MNLI. MNLI (Williams et al., 2018) is a natural language inference dataset to understand the relationship between pairs of sentences. The dataset includes 392k training samples, where each sample consists of a premise and a hypothesis. Each pair

Dataset	DPC	E2SC-IS	Ours
SST-2	5 10 20	60.3 ± 3.6 63.4 ± 3.3 64.9 ± 2.9	$77.2 \pm 4.9 \\ 79.9 \pm 3.1 \\ 82.4 \pm 2.5$

Table 12: Performance comparison with instance selection baseline on SST-2.

is categorized into one of three labels: entailment, neutral, or contradiction.

AG News. AG News (Zhang and LeCun, 2015) is a topic classification dataset based on news articles. The dataset includes 120k training samples, each labeled as one of four labels: World, Sports, Business, or Science/Technology.

IMDB. IMDB (Maas et al., 2011) is a sentiment classification dataset on movie reviews that are typically longer and more context-rich than single sentences. The dataset includes 25k training samples, each labeled as either positive or negative.

In our experiments, we follow standard evaluation protocols across all datasets. Since the official test sets for SST-2 and MNLI are not publicly available, we evaluate on their validation sets. Specifically, for MNLI, we use its matched-domain validation subset. For AG News and IMDB, we use their test sets. Since these datasets are class-balanced, we report accuracy as the evaluation metric.

A.3 Baseline Information.

Next, we will explain the baselines compared in our experiments and their implementation details.

Coreset Methods. Herding (Welling, 2009) greedily selects samples so that their averaged feature representation closely approximates that of the full dataset. K-Center (Sener and Savarese, 2018) selects samples closest to the centroids obtained from a K-Means clustering of the full dataset, following the implementation described in (Maekawa et al., 2024). For both approaches, we extract the [CLS] token embedding from BERT_{base} as the feature for each sample. EL2N (Paul et al., 2021) scores samples by computing the L2 norm of the prediction error, thereby selecting more challenging samples. Moderate (Xia et al., 2023) selects samples with scores clustered around the median. G-DIG (Pan et al., 2024) employs a gradient-based method to select high-quality, diverse samples, and we transfer this method from machine translation tasks to classification tasks. EL2N, Moderate, G-DIG are more recent state-of-the-art methods.

Hyperparameters for LDSC		
Compression ratio # Candidates	20% - 50% 10	

Hyperparameters for \mathcal{M}_{rep}	
Training Settings	
Optimizer	AdamW
Learning rate	1×10^{-5}
Warmup ratio	0.1
Weight decay	0.01
Gradient clipping	1.0
Dropout ratio	0.3
# Epochs	1
Batch size	32
Threshold/Weight	
$ heta_{ m rep}$	0.8

Hyperparameters for $\mathcal{M}_{ ext{cov}}$	
Training Settings	
Optimizer	AdamW
Learning rate	1×10^{-4}
Warmup ratio	0.5
Weight decay	0.01
Gradient clipping	1.0
Dropout ratio	0.1
# Training steps	200
Batch size	64
Threshold/Weight	
$\theta_{ m cov}$	0.3
\overline{w}	0.2

Hyperparameters for evaluation	
Training Settings	A -1
Optimizer	AdamW
Learning rate	1×10^{-4}
Warmup ratio	0.5
Weight decay	0.01
Gradient clipping	1.0
Dropout ratio	0.1
# Training steps	200
Batch size	64

Table 13: Hyperparameter settings for LDSC module, reward matching, and evaluation.

Condensation Methods. For Discretization (Sucholutsky and Schonlau, 2021; Sahni and Patel, 2023), we project the embeddings—optimized via gradient matching—to text by identifying the nearest token embeddings within the BERT_{base} vocabulary. DiLM (Maekawa et al., 2024) tackles the challenge to directly optimize text data by leveraging a proxy model, which generates samples that improve gradient similarity. We exclude DaLLME (Tao et al., 2024) as it neither released its code nor provided samples generated by their approach. It also doesn't follow the same evaluation protocol as similar studies.

A.4 Implementation Details

Gradient matching loss is an optimization objective that aligns the gradients obtained from training on the condensed dataset with those from the original dataset. For Table 1, we evaluate the gradient similarity between the condensed (or selected) dataset and the original dataset, in a manner similar to how DiLM (Maekawa et al., 2024) optimizes. In specific, we train BERT_{base} for 200 steps on the original dataset with a learning rate of 1×10^{-4} and a warmup ratio of 0.5. Every 20 steps, we select 200-DPC representative samples from the original dataset using the K-Center algorithm for computing the teacher gradient. For each class, we calculate the similarity between the teacher gradient and the gradient computed from the 5-DPC condensed (or selected) dataset. Since prior studies show that the condensed dataset primarily captures information in the early training phase (Zhang et al., 2023; Yang et al., 2024), we report the average result over the first 40 steps for a more focused analysis.

In Table 13, we provide the hyperparameter settings used in LDSC module, reward matching, and evaluation. For the representability reward model, we train it with a high dropout rate of 0.3 and early stop after just one epoch. This ensures that \mathcal{M}_{rep} remains under-trained for the task, thereby focusing solely on the most common, generalizable features. For smaller LLMs with limited context, we apply a chunking strategy—splitting input samples into smaller chunks that can be processed independently and then merged—or reduce the predefined size of both the selected and condensed subsets. The major experiments for our approach were conducted on a single NVIDIA V100 GPU.

A.5 Model Information

For the selection of the test model, we adhere to the protocol established by DiLM (Maekawa et al., 2024).

BERT_{base} & **BERT**_{large}. BERT_{base} (Devlin et al., 2019) is a classic bidirectional language model. Following its standard setting, we add a randomly initialized classification layer to the [CLS] token and fine-tune the model for classification tasks. BERT_{large} is a large variant of BERT_{base}.

RoBERTa_{base}. RoBERTa_{base} (Liu et al., 2019) is built on the original BERT architecture, but introduces several key improvements (e.g., larger pretraining corpus, no next sentence prediction, larger batch size), making it more robust and better performing.

XLNet_{base}. XLNet_{base} (Yang et al., 2019) is an autoregressive language model that fundamentally dif-

fers from BERT-based architectures. Thus, its performance provides stronger validation for the crossmodel generalization capability of our method.

A.6 Example Datasets and Prompt Template

Figure 6 shows the prompt template used for LDSC. For MNLI, we adopt a strategy focused solely on balancing universal features across labels. In particular, we identify universal premises from the original subset and generate hypotheses corresponding to different labels for each premise. Additionally, Tables 14 and 15 provide examples of condensed samples for SST-2 and IMDB, respectively.

System Prompt

You are an expert in text analysis and dataset condensation. You will be provided with a set of source samples.

Identify Discriminative Features

Instructions:

- 1. Review each provided source sample and its associated label.
- 2. Identify discriminative features that significantly contribute to each label.
- 3. Identify exemplars that represent each discriminative feature.

Identify Universal Features

Instructions:

- 1. Review each provided source sample and its associated label.
- 2. Identify universal features that must:
 - Do not influence label prediction
 - Be common and important across source samples
 - Imbalanced distribution across labels may introduce bias

Synthesize New Samples

Instructions:

- 1. Review the discriminative features and feature exemplars, and the universal features.
- 2. Create [number] synthetic samples for each class label that must:
 - Clearly reflect the given label
- Combine multiple discriminative features from source samples naturally and coherently, using the feature exemplars as guidance
 - Prioritize common and important discriminative features
 - Ensure universal features are distributed in balance across labels to avoid bias

Figure 6: Prompt template.

Label	Sample
	this film is a beautifully animated visual treat, offering a delightful exploration of its themes.
positive	a fantastically vital movie, as entertaining as it is instructive, with a humanly funny touch.
	an auspicious debut, painting a grand picture of an era with depth and inspiration.
	a captivating, beautifully made film that finds greatness in its iconography.
	this movie is a treat, offering a well-made evocation of its themes with humor and depth.
negative	a cliché-riddled genre piece, bogging down in rhetoric and lacking originality and pace.
	this film is a disaster, full of holes and poorly made, with flat, unconvincing drama.
	a hokey piece of nonsense, trying too hard to be emotional, resulting in a virulently unpleasant experience.
	this movie is entertaining on an inferior level, sabotaged by clichés and lacking authenticity.
	a flat, unconvincing drama, playing like a loosely-connected string of acting exercises, lacking depth.

Table 14: Condensed samples for SST-2 with 5-DPC.

Label Sample

positive

This film is a delightful blend of humor and visual splendor. The comedy is subtle yet effective, drawing genuine laughs without overshadowing the emotional depth of the story. The cinematography is breathtaking, with vibrant colors and stunning set designs that enhance the viewing experience. The characters are portrayed with such charm and depth that you can't help but root for them. The film's ability to balance humor with heartfelt moments is a testament to its brilliance. It's a cinematic gem that leaves you with a warm feeling and a smile on your face.

I was initially skeptical about this movie, but it turned out to be a delightful surprise. The plot might be predictable, much like other teen comedies, but it delivers laughs and entertainment throughout. The acting is top-notch, with standout performances that elevate the film. The director's unique approach adds a fresh twist, making it a must-watch for anyone who enjoys a good laugh. It's a film that doesn't take itself too seriously, and that's precisely why it's so enjoyable. If you're looking for a fun, light-hearted movie, this one is definitely worth your time.

I recently watched this film and was thoroughly entertained from start to finish. The action sequences were exhilarating, and the cast delivered strong performances, particularly the lead actor who brought a lot of charisma to the role. The film had a great mix of humor and thrills, keeping me on the edge of my seat throughout. The soundtrack was also a highlight, perfectly complementing the high-energy scenes. It's been a while since I've seen a movie that made the audience cheer and clap so enthusiastically. If you're looking for a fun and exciting film experience, this one definitely delivers.

I recently watched 'The Hopeful Journey' and was thoroughly impressed by its compelling storyline and outstanding performances. The film carries a powerful message of hope, reminding us that it's never too late to make a positive change in the world. The cast delivered their roles with such authenticity, making the characters both relatable and inspiring. The humor sprinkled throughout the film added a delightful touch, making it an enjoyable experience from start to finish. It's a movie that I would gladly watch multiple times, each viewing offering something new to appreciate. The film's setting in a bustling city added to the vibrant atmosphere, and the director's choice of soundtrack perfectly complemented the emotional beats of the story. Overall, 'The Hopeful Journey' is a must-see for anyone looking for a film that entertains while also delivering a meaningful message.

I went into this film with low expectations, having heard mixed reviews, but I was pleasantly surprised by how much I enjoyed it. The humor was refreshingly unique, reminiscent of the quirky British comedies that stand out from the usual American fare. The characters were charming, especially the lead who brought a delightful energy to the screen. Despite some initial skepticism, I found myself laughing throughout and left the theater with a smile. It's a film that might not appeal to everyone, but for those who appreciate a different kind of comedy, it's a hidden gem.

negative

This movie is a masterclass in how not to make a film. The acting is painfully amateurish, with performances that lack any conviction or depth. The plot is a disjointed mess, with scenes that seem to be thrown together without any coherence or purpose. Despite its attempts to thrill, the film fails to deliver any real suspense or excitement, leaving the audience bored and disengaged. It's a disappointing experience that leaves you questioning how such a project was ever greenlit. Save your time and watch something else.

This film was a major letdown. The writing and direction were so poor that it felt like a chore to sit through. The dialogue was filled with clichés, and the plot was implausible and far-fetched. The acting was unconvincing, with performances that failed to bring any life to the characters. Despite the potential for an interesting story, the execution was lackluster, leaving the film dull and uninspiring. It's a shame because with better direction and writing, it could have been something special. Unfortunately, it ended up being a forgettable experience.

This movie was a complete disappointment. The plot was incoherent and filled with too many mistakes to keep track of. The acting was unconvincing, with the cast delivering stiff and awkward performances. The film was marketed as a thriller, but there was no suspense or genuine scares to be found. The technical aspects, like the soundtrack, were poorly executed, adding to the overall lack of entertainment value. It's hard to believe this project got the green light, as it felt like a paycheck picture with no passion or creativity behind it. I wouldn't recommend this film to anyone looking for a quality movie experience.

I had the misfortune of watching 'The Predictable Path' recently, and it was a complete letdown. The plot was painfully predictable and lacked any depth, making it a tedious watch. The script was poorly written, and the acting did little to salvage the film. It felt like the filmmakers had a concept but failed to execute it effectively, resulting in a shallow and uninspired movie. The film's setting was generic, and the technical aspects, such as the cinematography and soundtrack, were unremarkable. Despite the presence of a well-known cast, their performances were underwhelming, and the characters felt one-dimensional. It's disappointing to see a film with potential fall so flat, leaving the audience with nothing new or worthwhile to take away. I would not recommend wasting time on 'The Predictable Path' as it offers nothing but frustration.

This movie was a complete letdown from start to finish. The acting was painfully amateurish, making it hard to take any scene seriously. The plot was a disjointed mess, with sequences that seemed to have no logical connection. I had hoped for a thrilling experience, but instead, I was left confused and irritated. The film's attempt at suspense fell flat, and the characters were more annoying than engaging. It's a shame because the concept had potential, but the execution was severely lacking. I wouldn't recommend this to anyone looking for quality entertainment.