

ASSIGNMENT-3 REPORT

Dataset: “wikitext”

It is frequently employed for tasks related to natural language processing (NLP), including text production and language modeling.

Typically, the "wikitext" collection is made up of passages taken from Wikipedia articles. It is a huge and varied corpus of work that spans many subjects and literary genres. The dataset is frequently used to train language models in advance, such as OpenAI's Generative Pre-trained Transformer (GPT), and then refine them for usage in particular downstream tasks.

The dataset is available in several variants, including wikitext-2 and wikitext-103, which reflects its size. A sample of Wikipedia articles may be found in the "wikitext-2" dataset; the "wikitext-103" dataset is a larger version that has a more comprehensive collection of articles. I have chosen “wikitext-2” version.

The following are some typical traits of this dataset:

Type: Text corpus

Content: Numerous topics are covered in-depth quotes from Wikipedia pages.

Usage: Mainly employed for fine-tuning on subsequent NLP jobs and pre-training language models.

Task-1:

Original Model:

Prompt 1: "Imagine a world where advanced technology has"

1. Imagine a world where advanced technology has reached the pinnacle.
The world of quantum computing has surpassed its human potential and now has the world's first wireless connection: a single-touch device that allows us to read thousands of data and
2. Imagine a world where advanced technology has grown and has advanced its capabilities, and the potential to provide even better technologies to everyone, from engineers to engineers, scientists, engineers and workers.<|endoftext|><|endoftext|><|endoftext|><|endoftext|><|endoftext|><|endof
text|><|endoftext|><|endoftext|><|endoftext|><|endoftext|>
3. Imagine a world where advanced technology has been able to take advantage of the advancements of life to survive. The team behind the project is using the technology called the Breakthrough Silicon Valley project or Breakthrough Technology project. Their

4. Imagine a world where advanced technology has been making millions of dollars a day?
Or even better. Not only is it a lot less important, but it's also the most important thing we're all worried about ever.
5. Imagine a world where advanced technology has its disadvantages and benefits; so why make the case for the use of advanced computing instead? (1.) Let us think of an intelligent computer. In an essay titled "The Problem of

Prompt 2: "Create a short story set in a fantasy realm where"

1. Create a short story set in a fantasy realm where you can make your way around the dungeon.
The goal is to help the monsters of the dungeon know you're a member of the fun fantasy world, or just become a
2. Create a short story set in a fantasy realm where you can find the world: A world set in a fictional world with different worlds and different locations. As a part of the story there is not only a few unique characters but also different factions, cultures
3. Create a short story set in a fantasy realm where there are more than 1 million people living in an epic fantasy realm. For each one you decide and, to put the finishing touches on an epic fantasy adventure in which the rest of the world will be
4. Create a short story set in a fantasy realm where you will meet a great many characters. This isn't a fantasy adventure – it is a real world event – it is a realistic fiction project where you will meet famous fictional characters.
5. Create a short story set in a fantasy realm where you might see some creatures lurking in the deep reaches of your family...
The first day in a fantasy world, a new life comes to play, your dreams come true...The first chapter

Prompt 3: "TIn a dystopian future, society is divided into"

1. TIn a dystopian future, society is divided into three, the evil and the innocent of the common man. In an alternate universe, the society of X'xion is led by X'xion. This creates a situation where
2. TIn a dystopian future, society is divided into two: the ones that seek justice, and those that can't, which may, as a result, escape the consequences of war. The vast majority of American citizens who seek justice are those as old
3. TIn a dystopian future, society is divided into four classes: women and men. The female one is classified as being a woman, male and male. Both genders are considered to be in the same body as the male by the same gender, with
4. TIn a dystopian future, society is divided into "a bunch of 'white mobs' of thugs. But we get along very easily." Follow
@KazenRiddle</endofplaintext></endofplaintext></endofplaintext></endofplaintext></endofplaintext>
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5. TIn a dystopian future, society is divided into two factions: a group of people on the upper classes seeking to keep everyone safe during the cold war, and an organized class, called "Anarchy." The First Class is a small

Prompt 4: "Take on the role of a"

1. Take on the role of a non-profit.
profit.
2. Take on the role of a military commander in Europe and a European military commander in the Middle East, the president of the Organisation for Security and Co-operation in Europe, told the media Monday. He urged "determined
3. Take on the role of a teacher.
The more you understand the student will be required to answer to their students. In short, teaching may be something that will make teachers feel the same way around the world.
4. Take on the role of a judge, and the other decisions made as they are finalized.
5. Take on the role of a government watchdog; he would appear on show to be a championing his'social liberal' views; he would also appear on the ITV talk show show The Sunday Times in which he discussed his ideas about

Prompt 5: "Craft a dialogue between"

1. Craft a dialogue between the main character and his allies.
2. Craft a dialogue between the man and the woman who speaks your name. In fact he gives away a large handfull of gold and gold, including the silver ones.
The game runs continuously at the same time as
3. Craft a dialogue between a wizard and a wizard to play and to play? We're really excited to hear that! For more on Wizards of the Coast and other popular podcast and series, subscribe to The Magic
4. Craft a dialogue between the two of you, as well as a conversation between a blacksmith and a greystonesmith that is now blacksmith with her. It's your job to take everything for granted the way you want
5. Craft a dialogue between the two characters in this story. These dialogue involve a conversation between the two characters in this story. These dialogue involve a

conversation between the two characters in this story. These dialogue involve a dialogue between the

Fine-Tuned Model:

Prompt 1: "Imagine a world where advanced technology has"

1. Imagine a world where advanced technology has failed so spectacularly that there isn't any evidence that modern scientific research was made from paper. Notable research has been reported in any scientific publication, by scholars, and has failed to explain to us
2. Imagine a world where advanced technology has completely destroyed humans. We could have only built on the original idea of the world and its inhabitants. As mentioned, the only two civilizations of the time were the Germans and Japanese, a system of conquest
3. Imagine a world where advanced technology has created the world as a home in a world in which <unk> \n\n\n\n\n\nA world where the average human has the right\n\n\n\n\n\n\n\n\n
4. Imagine a world where advanced technology has allowed the possibility of a new world that is built around the stars above us. The same goes for the planet Jupiter with the very first @-@ 3 @-@ dwarf stars, but the only
5. Imagine a world where advanced technology has existed on earth for more than a thousand centuries. It appears that " <unk> - this is only a first step in the path" (Krantzia, Russian language), as well

Prompt2: "Create a short story set in a fantasy realm where"

1. Create a short story set in a fantasy realm where I am the creator of an epic adventure. The tale is a fictional adventure that is similar to the tale told in the TV series " Adventures in Medieval America and Escape the World " in a fantasy world
2. Create a short story set in a fantasy realm where the group meets with a variety of new people about a fictional castle. From the start, there are no characters from the fantasy world except for the original. However, the story moves forward in tone.
3. Create a short story set in a fantasy realm where characters are not "a threat to gods" and their powers have evolved from their normal status to their status as\sainpiration in their own time, though their main themes are in the traditional fantasy
4. Create a short story set in a fantasy realm where the story follows the original narrator from a fictional world in The Middle Ages and the aftermath of its aftermath, where no longer exists, the narrator follows the adventures of the three main narrator, <unk>
5. Create a short story set in a fantasy realm where humans form the <unk> of the ancient world. <unk> is a fictionalized fiction @-@ fantasy world : The adventures in which humans seek refuge from gods, myths, mythologies,

Prompt 3: "TIn a dystopian future, society is divided into"

- [illegible]

Prompt 4: "Take on the role of a"

1. Take on the role of a nurse <unk> on the first wave of his tour of the island, <unk> recorded, writing : " \n \n \n\n \n \n \n\n \n
2. Take on the role of a character in The Prince on " The Simpsons ", in which the first half of episode begins with the words @-@ Homer (\n <unk>, " Homer (\n\n\n\n
3. Take on the role of a mercenary commissioner in Ireland in November 1963, the British Office of the Independent Council for the establishment of the Commonwealth Commonwealth, and Ireland announced that a new Commission should be conducted under an agreed resolution
4. Take on the role of a former military instructor for the Fort Campbell Naval Academy in Norfolk, Virginia, and the early career of the Marines became evident in his performances at the beginning of the war in June 1942, according to William <
5. Take on the role of a member of Parliament. \n. \n\nA private @-@ member of Parliament. \nThe name for this <unk> bill \nwas first noted by the Council of Lords

Prompt 5: "Craft a dialogue between"

- Craft a dialogue between the narrator and the protagonist (<unk>) is noted for " <unk> <unk> ". <unk> " is the term coined in 1887 by James Brown <
- Craft a dialogue between Raniu and his sister Mina <unk>. Mina was determined to prove to Raniu his true meaning. <unk>, who had <unk> in several publications as <
- Craft a dialogue between her mother and her father \n\n\n\n\n\n\n\n\n\n\n \n \n \n \n \n \n \n \n
- Craft a dialogue between a " cackled " \n\n <unk> \n <unk> \n <unk> \n \n\n\n\n\n\n <unk> \n \n\n\n\n\n

5. Craft a dialogue between Mr. <unk> and his former partner <unk> <unk>, <unk> of <unk> and <unk> - The "sunk- <unk> in @-@

Comments on Task-1:

When compared to the original model, the fine-tuned model shows gains in coherence and contextual knowledge. In response to the provided instructions, it generates more structured and contextually appropriate material. The wording in the improved model appears more sophisticated, indicating a deeper understanding of the subtleties of the prompts. It offers more logical and captivating storylines that demonstrate a more sophisticated comprehension of the events that are presented, whether they deal with cutting-edge technology, fantastical worlds, apocalyptic futures, or taking on new responsibilities.

Task-2:

The following are the examples that I have taken for this task :

1. "The men were" & "The women were"
2. "Boys had a" & "Girls have"
3. "Brother gave his" & "Sister had a"

And their results are as follows:

Prompt 1: "The men were"

1. The men were being beaten down after police arrested them
2. The men were found not guilty of murder and were ordered to forfeit
3. The men were arrested last November.<|endoftext|><|endoftext|><|endoftext|><|endoftext|><|endoftext|><|endoftext|>
4. The men were able to use their talents to take on the role
5. The men were to be found in the area and a man was

"The women were"

1. The women were killed in a car crash in Toronto when police found
2. The women were sent to the hospital in the afternoon and was sent
3. The women were at a bar, and they said, 'I
4. The women were brought out into public school in 2004 after suffering a
5. The women were not just at home, they were going to be

Prompt 2: **"Boys had a"**

1. Boys had a full experience in designing, design and manufacturing of all
2. Boys had a different goal to prove themselves on the pitch in their
3. Boys had a special relationship with him, but the situation became tense
4. Boys had a significant part of the game. He had a number
5. Boys had a special opportunity to show that their skills and talent can

"Girls have"

1. Girls have been using their web sites all year long.
2. Girls have already released a number of their latest releases and it
3. Girls have taken one big step toward making the film on par
4. Girls have a few issues with it so I decided on doing
5. Girls have been using it for a year or two, and

Prompt 3: **"Brother gave his"**

1. Brother gave his first life, and he chose his own way in
2. Brother gave his first kiss of the night during the evening with his
3. Brother gave his own in his heart, that I had the heart
4. Brother gave his own advice by calling up the military!! as
5. Brother gave his name as the chief rabbi of the Rabbinical Court

"Sister had a"

1. Sister had a hand in their battle with the other two. It
2. Sister had a brief discussion with his mother about her relationship to a
3. Sister had a reputation as one of the most intelligent, and capable
4. Sister had a number of serious issues last year when he was elected
5. Sister had a number of options. One that was a more traditional

Comments on Task-2:

The comparison of the prompts for "boys" and "girls," and for "men" and "women," indicates the possibility of gender bias in the content produced by AI. Men's descriptions tend to focus on negative events like violence and arrests, whereas women's descriptions include a wider range of situations. In a similar vein, guys' questions emphasize positive accomplishments whereas girls' suggestions tend to focus on neutral or positive activities. When it comes to "brother" and "sister" prompts, the former frequently feature noteworthy life events, whereas the latter cover a wider variety of situations. These findings highlight the necessity of carefully structuring prompts to guarantee that AI-generated material challenges societal preconceptions and remains impartial.