AI Usage Card for DNLP SS24 Final Project - Multitask BERT

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PROJECT NAME
DNLP SS24 Final Project - Multitask BERT

KEY APPLICATION(S)
sentiment analysis, semantic textual similarity, paraphrase detection, paraphrase type detection, paraphrase type generation

MODEL(S)
ChatGpt, Github Copilot

DATE(S) USED
2024-05-08

VERSION(S)
3.5, 1.223.0

IDEATION
ChatGpt, Github Copilot

GENERATING IDEAS, OUTLINES, AND WORKFLOWS
Asking about ideas to improve the model's performance on the required tasks with providing references.

IMPROVING EXISTING IDEAS
Proposing ideas to solve an existing problem or a bug in the code.

FINDING GAPS OR COMPARE ASPECTS OF IDEAS
Not used

LITERATURE REVIEW

FINDING LITERATURE
Not used

FINDING EXAMPLES FROM KNOWN LITERATURE
Not used

ADDING ADDITIONAL LITERATURE FOR EXISTING STATEMENTS AND FACTS
Not used

COMPARING LITERATURE
Not used

METHODOLOGY

PROPOSING NEW SOLUTIONS TO PROBLEMS
Not used

FINDING ITERATIVE OPTIMIZATIONS
Not used

COMPARING RELATED SOLUTIONS
Not used

EXPERIMENTS
ChatGpt, Github Copilot

DESIGNING NEW EXPERIMENTS
Asking to provide a coding example to understand specific ideas or networks and how they work on a given text.

EDITING EXISTING EXPERIMENTS
Not used

FINDING, COMPARING, AND AGGREGATING RESULTS
Not used

WRITING
ChatGpt, Github Copilot

GENERATING NEW TEXT BASED ON INSTRUCTIONS
Suggesting content for some README sections with providing references to read

ASSISTING IN IMPROVING OWN CONTENT
Rephrasing the content in a better way that matches the intent

PARAPHRASING RELATED WORK
Not used

PUTTING OTHER WORKS IN PERSPECTIVE
Not used

PRESENTATION

GENERATING NEW ARTIFACTS
Not used

IMPROVING THE AESTHETICS OF ARTIFACTS
Not used

FINDING RELATIONS BETWEEN OWN OR RELATED ARTIFACTS
Not used

CODING
ChatGpt, Github Copilot

GENERATING NEW CODE BASED ON DESCRIPTIONS OR EXISTING CODE
Formulating some ideas or proposals in code and then testing it with print statements to see how things work.

REFACTORING AND OPTIMIZING EXISTING CODE
Auto-completing while coding with suggested implementations from Github Copilot

COMPARING ASPECTS OF EXISTING CODE
Not used

DATA

SUGGESTING NEW SOURCES FOR DATA COLLECTION
Not used

CLEANING, NORMALIZING, OR STANDARDIZING DATA
Not used

FINDING RELATIONS BETWEEN DATA AND COLLECTION METHODS
Not used

ETHICS
ChatGpt, Github Copilot

WHAT ARE THE IMPLICATIONS OF USING AI FOR THIS PROJECT?
Faster and easier development, more professional way of coding, less time to debug codes

WHAT STEPS ARE WE TAKING TO MITIGATE ERRORS OF AI FOR THIS PROJECT?
Every idea or code suggested was first integrated to the skeleton of the project, tested and ran on examples for comprehension, then debugged and enhanced

WHAT STEPS ARE WE TAKING TO MINIMIZE THE CHANCE OF HARM OR INAPPROPRIATE USE OF AI FOR THIS PROJECT?
Cross-checking the suggestions and eliminating the suspected ones or the ones that don't match the task of the project, if found

THE CORRESPONDING AUTHORS VERIFY AND AGREE WITH THE MODIFICATIONS OR GENERATIONS OF THEIR USED AI-GENERATED CONTENT
Yes