



CORRESPONDENCE(S)

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AFFILIATION(S)

undefined  
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PROJECT NAME

*nlp<sub>p</sub>roject*

KEY APPLICATION(S)

paraphrase detection, semantic textual similarity, sentiment analysis, paraphrase type detection, paraphrase type generation

MODEL(S)

GPT-4o, Claude 3.5 Sonnet

DATE(S) USED

2024-01-07

VERSION(S)

undefined

IDEATION

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GENERATING IDEAS, OUTLINES, AND WORKFLOWS

Chatgpt was used to explore if an idea was worth exploring for particular tasks.

IMPROVING EXISTING IDEAS

Chatgpt was asked to provide potential variations on the suggestions provided in the project document.

FINDING GAPS OR COMPARE ASPECTS OF IDEAS

Two ideas were given and Chatgpt was asked to rank potential ideas.

LITERATURE REVIEW

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FINDING LITERATURE

Not used

FINDING EXAMPLES FROM KNOWN LITERATURE

Not used

ADDING ADDITIONAL LITERATURE FOR EXISTING STATEMENTS AND FACTS

AI was used to convert links to a valid reference format.

COMPARING LITERATURE

Not used

METHODOLOGY

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PROPOSING NEW SOLUTIONS TO PROBLEMS

AI was asked to provide different loss functions, for example.

FINDING ITERATIVE OPTIMIZATIONS

Not used

COMPARING RELATED SOLUTIONS

Not used

EXPERIMENTS

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DESIGNING NEW EXPERIMENTS

AI was asked to comment on the potential usefulness of experiments.

EDITING EXISTING EXPERIMENTS

Not used

FINDING, COMPARING, AND AGGREGATING RESULTS

Not used

WRITING

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GENERATING NEW TEXT BASED ON INSTRUCTIONS

AI was asked to fill in text given a template or complete a sentence.

ASSISTING IN IMPROVING OWN CONTENT

AI was asked to improve grammar and summarise or expand on provided content.

PARAPHRASING RELATED WORK

AI was asked to paraphrase sections of text to make them clearer.

PUTTING OTHER WORKS IN PERSPECTIVE

Not used

## PRESENTATION

### GENERATING NEW ARTIFACTS

AI was asked to generate plots from recorded metrics.

### IMPROVING THE AESTHETICS OF ARTIFACTS

Not used

### FINDING RELATIONS BETWEEN OWN OR RELATED ARTIFACTS

Not used

## CODING

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### GENERATING NEW CODE BASED ON DESCRIPTIONS OR EXISTING CODE

AI was given templates or asked to write code for tasks like implementing ideas from papers, data transformation, etc.

### REFACTORING AND OPTIMIZING EXISTING CODE

AI was asked to make code run faster and provide suggestions.

### COMPARING ASPECTS OF EXISTING CODE

Not used

## DATA

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### SUGGESTING NEW SOURCES FOR DATA COLLECTION

Not used

### CLEANING, NORMALIZING, OR STANDARDIZING DATA

AI was asked to parse and clean data (like the command line).

### FINDING RELATIONS BETWEEN DATA AND COLLECTION METHODS

Not used

## ETHICS

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### WHAT ARE THE IMPLICATIONS OF USING AI FOR THIS PROJECT?

undefined

### WHAT STEPS ARE WE TAKING TO MITIGATE ERRORS OF AI FOR THIS PROJECT?

Asking different models the same question and manually debugging and reviewing the code, content, and data generated.

### WHAT STEPS ARE WE TAKING TO MINIMIZE THE CHANCE OF HARM OR INAPPROPRIATE USE OF AI FOR THIS PROJECT?

undefined

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

No