

# AI Usage Card for Project



## CORRESPONDENCE(S)

Author name.

## CONTACT(S)

Email address of author.

## AFFILIATION(S)

Institution of authors.

## PROJECT NAME

The name of the project. Usually the paper title.

## KEY APPLICATION(S)

The tasks and applications the project.

## MODEL(S)

Model/Model Card Link

Model/Model Card Link

## DATE(S) USED

YYYY/MM/DD

YYYY/MM/DD

## VERSION(S)

Specific version of the model.

Specific version of the model.

## IDEATION

ChatGPT, GPT-3

## GENERATING IDEAS, OUTLINES, AND WORKFLOWS

When the project direction, topics, outlines, and research questions are generated through prompts or instructions.

## IMPROVING EXISTING IDEAS

When existing project ideas, topics, outline, and research questions are either paraphrased, extended, or improved.

## FINDING GAPS OR COMPARE ASPECTS OF IDEAS

When models are used to identify missing aspects in existing content or compare them.

## LITERATURE REVIEW

ChatGPT, GPT-3

## FINDING LITERATURE

When unknown related work, supporting literature, or similar is obtained through models.

## FINDING EXAMPLES FROM KNOWN LITERATURE

When examples from a collection of known literature are specified as relevant.

## ADDING ADDITIONAL LITERATURE FOR EXISTING STATEMENTS AND FACTS

When literature material is suggested to support existing content.

## COMPARING LITERATURE

When suggested or existing material is compared and analyzed by the model.

## METHODOLOGY

ChatGPT, GPT-3

## PROPOSING NEW SOLUTIONS TO PROBLEMS

When the method and process for solving the problem are outlined.

## FINDING ITERATIVE OPTIMIZATIONS

When existing method and process are improved.

## COMPARING RELATED SOLUTIONS

When existing or generated methods and processes are compared.

## EXPERIMENTS

ChatGPT, GPT-3

## DESIGNING NEW EXPERIMENTS

When new experiment setups are generated through prompts or instructions.

## EDITING EXISTING EXPERIMENTS

When existing or generated experimental setup is improved.

## FINDING, COMPARING, AND AGGREGATING RESULTS

When unseen patterns are suggested using existing or generated results to support analysis.

## WRITING

ChatGPT, GPT-3

### GENERATING NEW TEXT BASED ON INSTRUCTIONS

When any text is generated through prompts, questions, or instructions.

### ASSISTING IN IMPROVING OWN CONTENT

When existing text is paraphrased or improved.

### PARAPHRASING RELATED WORK

When related work content is paraphrased.

### PUTTING OTHER WORKS IN PERSPECTIVE

When related work is challenged or paraphrased towards a different direction from their original content.

## PRESENTATION

ChatGPT, GPT-3

### GENERATING NEW ARTIFACTS

When new tables, figures, diagrams, or similar elements are generated through instructions or prompts.

### IMPROVING THE AESTHETICS OF ARTIFACTS

When the visual aspects of tables, figures, diagrams, or similar elements are improved.

### FINDING RELATIONS BETWEEN OWN OR RELATED ARTIFACTS

When the content of tables, figures, diagrams, or similar elements are compared to uncover unseen relations.

## CODING

ChatGPT, GPT-3

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

When new code is generated based on instructions or prompts.

### REFACTORING AND OPTIMIZING EXISTING CODE

When existing or generated code is refactored or its performance optimized.

### COMPARING ASPECTS OF EXISTING CODE

When existing or generated code is compared to uncover unseen patterns or flaws.

## DATA

ChatGPT, GPT-3

### SUGGESTING NEW SOURCES FOR DATA COLLECTION

When datasets, collections, or similar sources are suggested based on instructions or prompts.

### CLEANING, NORMALIZING, OR STANDARDIZING DATA

When any form of noise is removed or mitigated from existing or suggested data.

### FINDING RELATIONS BETWEEN DATA AND COLLECTION METHODS

When models are used to establish any relation between datasets' content and collection methods.

## ETHICS

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

Explain the implications of using AI in the current work scope and its broader impact.

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

Explain which decisions and actions were taken to minimize or eliminate the use of AI in this project.

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

Explain the decisions and actions taken to minimize any form of harm, misuse, and discrimination of the AI model towards any individuals.

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

Verify that any generated or modified content was approved by the authors involved. This can include facts, statements, ideas, and others.