

AI Usage Card for BERT Convolutional Neural Networks for Multitask Training



CORRESPONDENCE(S)

Yangshan Xiang

CONTACT(S)

yangshan.xiang@stud.uni-goettingen.de

AFFILIATION(S)

University of Göttingen

PROJECT NAME

BERT

Convolutional Neural Networks for Multitask Training

KEY APPLICATION(S)

natural language processing, sentiment analysis, semantic similarity, paraphrase detection

MODEL(S)

ChatGPT

DATE(S) USED

2023-07-30

VERSION(S)

3.5

IDEATION

GENERATING IDEAS, OUTLINES, AND WORKFLOWS

Not used

IMPROVING EXISTING IDEAS

Not used

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

ChatGPT

PROPOSING NEW SOLUTIONS TO PROBLEMS

Asking for strategy of how to tune hyperparameters.

FINDING ITERATIVE OPTIMIZATIONS

Not used

COMPARING RELATED SOLUTIONS

Not used

EXPERIMENTS

DESIGNING NEW EXPERIMENTS

Not used

EDITING EXISTING EXPERIMENTS

Not used

FINDING, COMPARING, AND AGGREGATING RESULTS

Not used

WRITING ChatGPT	GENERATING NEW TEXT BASED ON INSTRUCTIONS For example I tell AI to summarize the advantages of a model, then I use them to strengthen my argument.	ASSISTING IN IMPROVING OWN CONTENT Not used
	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	GENERATING NEW CODE BASED ON DESCRIPTIONS OR EXISTING CODE I tell AI what kind of result I want to achieve, then AI offers me the relevant python functions which I might be unfamiliar with.	REFACTORING AND OPTIMIZING EXISTING CODE Tell AI the error message after running the code, then ask for solutions to fix the error.
	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	WHAT ARE THE IMPLICATIONS OF USING AI FOR THIS PROJECT? Accelerate the project progress.	WHAT STEPS ARE WE TAKING TO MITIGATE ERRORS OF AI FOR THIS PROJECT? Verify AI's reply by retrieving via Google and personal experience.
	WHAT STEPS ARE WE TAKING TO MINIMIZE THE CHANCE OF HARM OR INAPPROPRIATE USE OF AI FOR THIS PROJECT? Communicate with teammates and try to reduce the frequency of using AI assistance.	THE CORRESPONDING AUTHORS VERIFY AND AGREE WITH THE MODIFICATIONS OR GENERATIONS OF THEIR USED AI-GENERATED CONTENT Yes