

AI Usage Card for Deep Learning for Natural Language Processing: Practical Project
Part 1



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| <div>MODEL(S) ChatGPT</div> | <div>DATE(S) USED 2024-07-01</div> | <div>VERSION(S) ChatGPT 4o</div> |
| IDEATION | <div>GENERATING IDEAS, OUTLINES, AND WORKFLOWS Not used</div> | <div>IMPROVING EXISTING IDEAS Not used</div> |
| | <div>FINDING GAPS OR COMPARE ASPECTS OF IDEAS Not used</div> | |
| LITERATURE REVIEW | <div>FINDING LITERATURE Not used</div> | <div>FINDING EXAMPLES FROM KNOWN LITER- ATURE Not used</div> |
| | <div>ADDING ADDITIONAL LITERATURE FOR EXISTING STATEMENTS AND FACTS Not used</div> | <div>COMPARING LITERATURE Not used</div> |
| METHODOLOGY | <div>PROPOSING NEW SOLUTIONS TO PROB- LEMS Not used</div> | <div>FINDING ITERATIVE OPTIMIZATIONS Not used</div> |
| | <div>COMPARING RELATED SOLUTIONS Not used</div> | |
| EXPERIMENTS | <div>DESIGNING NEW EXPERIMENTS Not used</div> | <div>EDITING EXISTING EXPERIMENTS Run training loop in GPU cluster with different hyperparameters in a streamlined manner.</div> |
| | <div>FINDING, COMPARING, AND AGGREGATING RESULTS Not used</div> | |
| WRITING ChatGPT | <div>GENERATING NEW TEXT BASED ON IN- STRUCTIONS Not used</div> | <div>ASSISTING IN IMPROVING OWN CONTENT Write repository description and code documen- tation</div> |
| | <div>PARAPHRASING RELATED WORK Not used</div> | <div>PUTTING OTHER WORKS IN PERSPECTIVE Assist in understanding project description and constraints</div> |
| PRESENTATION | <div>GENERATING NEW ARTIFACTS Not used</div> | <div>IMPROVING THE AESTHETICS OF ARTI- FACTS Not used</div> |

FINDING RELATIONS BETWEEN OWN OR
RELATED ARTIFACTS
Not used

CODING
ChatGPT

GENERATING NEW CODE BASED ON DE-
SCRIPTIONS OR EXISTING CODE
Summarise BERT hugging face documentation.
Generate unit test scripts, as sanity check test
the model implementation.

REFACTORING AND OPTIMIZING EXISTING
CODE
Format existing code, improve readability and
adding code documentation

COMPARING ASPECTS OF EXISTING CODE
Explain certain parts of code syntax in provided
scripts.

DATA

SUGGESTING NEW SOURCES FOR DATA
COLLECTION
Not used

CLEANING, NORMALIZING, OR STANDARD-
IZING DATA
Not used

FINDING RELATIONS BETWEEN DATA AND
COLLECTION METHODS
Not used

ETHICS

WHAT ARE THE IMPLICATIONS OF USING
AI FOR THIS PROJECT?
Facilitate readability and implementation of
deep learning models for NLP tasks

WHAT STEPS ARE WE TAKING TO MITI-
GATE ERRORS OF AI FOR THIS PROJECT?
Contrast everything with own knowledge on the-
ory and coding practices

WHAT STEPS ARE WE TAKING TO MIN-
IMIZE THE CHANCE OF HARM OR IN-
APPROPRIATE USE OF AI FOR THIS
PROJECT?
Thorough revision on accuracy and correctness
of assistance provided by AI

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