Declaration of the use of AI-tools

This document is for you to declare any and all computational and AI tools that you have used when preparing the material for the examination in the corresponding course.

COURSE: TMLS22 – Machine Learning

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I hereby declare I have used the following computer and AI tools during the preparation of the examination:

1. List of the tools I used:

- Claude 3.7 Sonnet (Anthropic)

- Google Colab

- Python libraries (Pandas, Scikit-learn, TensorFlow, Matplotlib)

- StackoverFlow

2. Detailed description of how each tool were used per examination task:

I use Stack Overflow when I had problems with my code. I search solutions for specific errors and find examples of how to implement machine learning models correctly. This was very helpful when I get stuck with data preparation and model training problems.

Google Colab was used to test some parts of the code because my computer is sometimes slow for training the neural network. It was good for testing small parts before adding to our main project.

Python libraries like Pandas were used for data preparation, Scikit-learn and TensorFlow for creating the machine learning models, and Matplotlib for creating the graphs and visualizations of our results.

I did not use AI tools to write our report or interpret the results. I only use them for help with coding problems and to understand machine learning concepts when I was confused.