# Machine Learning Engineer -



#### Hi there!

We are happy to invite you to the next stage of our application process. The purpose of the task is to see the thoughts that lead you to the answer more than the answer itself.

# Data

Given is a dataset of public mindmaps, which have received a rating and have a category assigned.

## **Tasks**

- 1. Develop a machine learning model that predicts either the category or the rating of a mindmap. Present your solution and the process that led you to the solution in a way that it is easy to understand for a technical audience. If anything is unclear, please make assumptions and document them. Python and Jupyter notebooks is the preferred toolchain for this task but feel free to use a different toolchain if that allows you to deliver higher quality results
- 2. Prepare your solution for deployment. Implement a ML inferencing pipeline and deploy a local REST endpoint that consumes the trained ML model using the technology of your choice. Coding style and code modularization are important aspects that will be evaluated for this task.

### Have fun working on the challenge!