Thank you for applying for a Machine Learning Engineer position at Kinesso!

We would like to check your current skills level, so please do our code challenge.
You can use any Python libraries that will help you to solve the task.
Please, make sure your code can be understood and maintained by other team members.

Your work will be evaluated by the following factors:
- code quality (i.e. clarity, OOP)
- Python programming skills
- use of coding standards (i.e. PEP-8)
- ability to use tools and technology

Task: Recommender system for Music in a Car

Data set: https://bit.ly/2zlNjbe

Imagine, you work at a company that wants to build a personalized music service which plays tracks depending on a few variables: user, weather, mood, road type, etc.
The project is currently in a very initial stage, and you got the task to:
- prepare a model (ML, using sklearn) and an initial version of a recommender service (return a list of recommended tracks based on an input data)
- write a few unit tests
- containerize the application with Docker
- write user manual on how to test and run the service.

Bonus points:
- build a simple, minimal REST service providing predictions based on that new model (single endpoint returning a list of recommended tracks)

GOOD LUCK!