**FINOPS ENGINEER HOMEWORK**

Honky-tonk Fruits Co. spent a huge load of money on migrating to a cloud provider with bad reputation, and now the CTO realizes that they will go bankrupt in a year with the current costs of cloud computing.

They need very quick analytics on some dumped data. “metrics.json” contains some metrics of the executed jobs, “costs.json” provide you the unit costs (cost / cpu\_ms).

Your task is to provide code for:

1. Local database deployment (Dockerfile). You are free to choose the database.
2. DDL for the schema you designed for the reporting (ddl.sql or ddl.py)
3. Data loader (etl.py)
4. Write query: which are the top3 tasks per warehouse that produced the highest costs and which instances were used by these tasks mostly (query.py or query.sql)