

Trade-off analysis: Databases

In this task you need to find all the info on a set of technologies and write down an analysis and a short description of each, as well as differences between these technologies.

In A3 we will analyse databases trade-offs. List of databases to research:

- PostgreSQL
- SQLite
- MongoDB
- InfluxDB
- Redis
- Plain file

Comparison table should contain read and write performances.

Grading criteria

- At least two pros and two cons provided for each database - **4 points**
- Comparison table on at least three parameters (including parameters explicitly stated in the task description above) provided - **3 points**
- Short description of each technology is provided - **1 point**
- An example of a project/context for each technology, in which it will do the best among others - **1 point**
- Overall grammar - **1 point**