

Group project

The project is a OLAP noSQL DB done in mongoDB, with sample data created from

<https://mockaroo.com/> (choose JSON as the output type)

Steps:

1. Initial star/snowflake schema design in MySQL workbench
2. Create 5 aggregate questions which can be answered from your DB
3. Convert that schema to mongoDB sample document for the fact collection
4. Populate the fact collection using fake data generated from mockaroo
5. Convert your 5 questions into the 5 aggregate mongo queries
6. Create a PowerPoint with all the info (designs, queries, screenshot of output)

Project deliverables

Weightage	Description
15%	Dimensional Design + star schema
25%	20 minute project presentation (this will be graded individually so everyone needs to present)
60%	Project implementation (final project due - all files + presentation)