Overall

1 - Create an application to ingest a CSV file, and send it to a queue in the broker.

2 - Create an application to consume messages from the queue, structure them and store them both in the database and in the cache.

3 - The same consumer application will also be an API to make data available in HTTP protocol.

Technologies

○ **RabbitMQ.**
○ **PostgreSQL.**
○ **Redis.**
○ **Preferably Golang.**

Comments

1 - The GET method must have filters for the query.
2 - Use SQL to model the database.
3 - Write tests.
5 - Use Docker and Docker Compose.
4 - Create HTML page to display the information with SSE, that will be a bonus, as only the API is the requirement.

Diagrama