

Final Project • Yuchen J.

Gather requirements and identify business needs

Analyze business requirements and needs

Develop bus matrix

Develop basic use cases/user stories

Design and plan the data warehouse solution

Develop dimensional model matrix with ETL instructions

Develop conceptual, logical, and physical data models

Develop a data dictionary

Develop architecture diagram with network information

Set up the necessary infrastructure and develop ETL scripts

Set up S3 bucket and Redshift cluster

Set up RDS MySQL instance and Lambda function

Develop and test ETL scripts

Develop and test scripts to move data to RDS MySQL using Lambda

Complete development of the warehouse solution

- Develop visualization of the data flowing through the solution

Test code

Review, test, and finalize final presentation

Review the whole work and check the project outcomes

Finish the slides and prepare the final presentation

Make any necessary changes to the project based on feedback