

Project Management Plan

Group 6

Tasks (Not Started)

- Populate the Tables using a Consumer
- Databrick to Data Lake
- Identify how things are being moved
- Decide on format of visualizations1
- Decide on format of visualizations2
- Decide on format of visualizations3
- Extract dataset 3 (Record Steps)
- Transform dataset 3 (Record Steps)
- load dataset 3 (Record Steps)
- Presentation platform
- Presentation theme
- Create Slides
- Summarize presentation/findings
- Divvy up slides to present
- Practice presentation
- Technical report introduction
- Technical report presentation
- Technical Report Conclusion
- Revise project report, as needed
- Create ETL report dataset 3
- Get feedback, ETL 2
- Get feedback, ETL 3
- Revise ETL report, as needed
- Sketch the dashboard1

In Progress

- Sketch the dashboard2
- Get Dashboard Feedback1
- Get Dashboard Feedback2
- Create the Dashboard
- Double check dashboard labels
- Create an initial ML model
- Optimize ML algorithm
- Machine Learning explanation
- Create Visualizations 1
- Create Visualizations 2
- Create Visualizations 3
- Create Visualizations 4
- Get Visualizations Feedback 1
- Get Visualizations Feedback 2
- Get Visualizations Feedback 3
- Visualization napkin drawing 2
- Visualization napkin drawing 3
- Visualization napkin drawing 4
- Project Technical Report
- GITHUB README
- Organize GITHUB

Review

- Data Factory to move from Data Lake to Azure SQL
- Get feedback, ETL 1
- Load dataset 2 (Record Steps) Monthly NACPS Sales
- Extract dataset 2 (Record Steps) Monthly NACPS Sales
- Transform dataset 2 (Record Steps) Monthly NACPS Sales
- Create ETL report dataset 2 Monthly NACPS Sales
- Create ETL report dataset 1
- Visualization napkin drawing 1

Roadblocks

- Transforming the Census Data to be usable

Completed

- Create Environments
- Formulate Questions
- Create a PMP
- Create the Tables using DDL
- Executive Summary
- Identify which services are going where
- Exploratory Data Analysis
- Network or service diagram of data pipelines
- Napkin Drawing on how services are put together
- Create the Database
- Formulate ideas on a good machine learning model
- Dash or Power BI?
- Consumer
- Producer
- Elevator Pitch
- Dataset 2, Monthly NACPS Sales
- Census Dataset 3, NACPS dataset
- Create a napkin drawing of an ERD
- Create an ERD on Draw.io
- Dataset 1, Macro
- Extract dataset 1 (Record Steps) Macro
- Transform dataset 1 (Record Steps) Macro
- Load dataset 1 (Record Steps) Macro
- Extract NAPCS, NAICS 2017 Data
- Transform NAPCS, NAICS 2017 Data
- Load NAPCS, NAICS 2017 Data

Link:

<https://trello.com/b/mZfSYbxw/capstonedev10>