

Project Management Plan

Group 6

The Trello board displays the following tasks across its columns:

- 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
 - Machine Learning explanation
 - Create Visualizations 1
 - Create Visualizations 2
 - Create Visualizations 3
 - Create Visualizations 4
 - Get Visualizations Feedback 1
 - Get Visualizations Feedback 2
- 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
- Final Column (Completed):**
 - 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>