

Planning & Projecting

Capstone Proposals & Data Sources

May 8

1

AO ML

Create Git Repository

May 9

Capstone Outline

May 10

AO ML

Draft of Project Management Plan

May 11

AO ML

Project Management Plan & Repo

May 12

AO ML

EDA Done & Uploaded by EOD

May 11

AO ML

Napkin Drawings for Viz & Dashboard EOD

May 19

AO

Executive Summary

May 25

Add a card

Extraction

Store all valid datasets in unclean data lake

May 11

AO ML

Web Scrape Tourist Attractions

May 12

Clean main airbnb dataset

May 11

AO

Create holiday calendar model

May 12

AO

Clean crime data set

May 11

ML

Clean Zillow and hotel data set

May 11

Kafka for Tourist Attractions

May 17

Add a card

Transform

ERD Diagram Done

May 15

DDL and DML Done (Might just be done in pyspark)

May 15

AO ML

Put all data in clean data lake / SQL db

May 15

AO ML

Add a card

Load

ML Done and Uploaded by EOD

May 18

1

AO ML

ETL Report Due EOD

May 22

AO ML

PowerBI Report & Dashboard

May 23

AO ML

Presentation Slides

May 24

AO ML

Presentation Practice/Day

May 25 - May 26

AO ML

Technical Report

May 26

AO ML

Add a card

Stretch Goals

NLP-- sentiment analysis from reviews

1

AO

Add a card