Capstone Progress Planner

Week 0 (Pre-work)

* Watch assigned capstone presentations
* Initial consideration of capstone topic

Week 1

* Settle on a capstone topic
* Review “Capstone checklist” to understand final expectations

Week 2

* Develop capstone “question”
* Project planning - Mural lesson
* Complete Mural board
  + Link to *at least* primary dataset

Week 3

* Basic exploratory data analysis using Excel
* Refine capstone question, if required.

Week 4

* Locate secondary dataset
* Refine capstone question, if required.

Week 5

* Ingest data from .csv or .xlsx into Python
* Basic EDA (Exploratory Data Analysis) in Python - get to know your data
* Clean, sort, wrangle your data using Python

Week 6

* Develop Python web scraping scripts (if applicable)
* Preliminary plot of capstone datasets using MatPlotLib

Week 7

* Open your dataset using SQLite.

Week 8

* Clean, sort, wrangle your data using SQL
* Join datasets as needed
* Present in “Show & Tell”

Week 9

* Finalize clean datasets, prepared for transition into Tableau
* Utilize API for data gathering, if required for your project

Week 10

* Ingest clean datasets into Tableau
* Create charts/plots/tables/graphs within Tableau dashboards

Week 11

* Incorporate any additional images, links, visuals to dashboards
* Wrap up formatting of Tableau Dashboards
* Create Tableau Story
* Finalize Tableau Story
* Verify all required items in capstone checklist are present in your presentation.

Week 12 *(Deadlines shown, but tasks can be accomplished prior to indicated below.)*

* Monday - Rehearse Capstone presentation to Laurie
* Tuesday - Refine and record presentation
* Wednesday - Submit recorded presentation
* Graduation