Date: 11/20/2020   
Time: 5:00 pm ET  
Location: Zoom

Tentative Plan

Data Analysis

Prep:

1. Install python
2. Install anaconda
   1. pandas/ NumPy / matplotlib/seaborn
   2. Troubleshoot: Use google collab instead
3. Watch a ~ 10-15-minute video

Table of contents

1. Intro to Data Analysis/ Data Science/ Data Engineering
2. Pure Data Analytics Tools (IDEs such as Tableau) vs Programming languages (Python, R, Julia)
3. Jupyter Notebooks ( and Google Collab)
4. NumPy
5. Pandas
6. Matplotlib/ Seaborn
7. Sample Micro-project (Example)
   1. EDA focused (Spend most of the time here, ideally)
8. Provide resources
   1. Freecodecamp.org
      1. Data Analysis w/ Python
      2. Machine Learning w/ Python [AVOID]
   2. GitHub Student Developer Pack
      1. 3 months of FREEE Data Camp Subscription
      2. Other data related subs as well
9. Q/A
10. Connect w/ me for future workshops and possible collabs on projects

Data Science

1. Introduce at least one ML algorithm
   1. Linear Regression (Negligible Theory, more hands-on)
   2. Logistic Regression

Tentative Timeline:

00:00 – 00:05

Intro and