DAT Installation Schedule

The following table is a class-by-class breakdown of the libraries that will be introduced for each session. Please use this as a reference and make sure you've installed them before class begins that day.

Class	Topic	Libraries / Tools Introduced	Included in Anaconda?	Installation Instructions
1	Class Intro, Git Setup	Git	No	https://git-scm.com/book/en/v2/Getting-StartedInstalling-Git
2	Pandas Intro	Pandas	Yes	https://pandas.pydata.org/getting_started.html
3	Pandas Crash Course	N/A	N/A	N/A
4	Pandas – Grouping/Merging	N/A	N/A	N/A
5	Pandas – Time Shifts	N/A	N/A	N/A
6	Data Visualization	Plotly	No	https://plotly.com/python/getting-started/
7	ML Intro	SciKit Learn	Yes	https://scikit-learn.org/stable/install.html
8	GBM Intro	N/A	N/A	N/A
9	Data Encoding	CategoryEncoders	No	https://contrib.scikit-learn.org/category_encoders/
10	Model Validation	N/A	N/A	N/A
11	Model Interpretation	PDPBox	No	https://pdpbox.readthedocs.io/en/latest/
12	Model Deployment	Streamlit	No	https://docs.streamlit.io/en/stable/
13	Classification	Xgboost	No	https://xgboost.readthedocs.io/en/latest/build.html
14	Classification	N/A	N/A	N/A
15	Classification	N/A	No	No
16	Deep Learning Intro	Tensorflow/ Keras	No	Will be accessed via cloud
17	Neural Net Deep Drive	N/A	N/A	N/A

18	Transfer Learning	Tensorflow Hub	No	Will be accessed via cloud
19	Neural Net Application	N/A	N/A	N/A