Power Hour: Python Jan 18th, 2021

Today, we will be analyzing Telco customer data. The idea is to use the concepts we learned in python 1, 2, 3 and 4 to read the dataset in Python, investigate certain features, and communicate our findings with visualizations.

Outline

* We will import the dataset
* Perform some EDA (Exploratory Data Analysis)
* Aggregate the data
* Create and export visuals

The attached .py and .ipynb files are set up for you with some directions and hints.

Feel free to ask questions throughout the session if you need help. If you finish early, I’d be happy to give your ideas on how to extend the project and challenge you with concepts we haven’t covered in the bootcamps.

Good Luck!

Topics to Review

* P1
  + Variables
* P2
  + DataFrames
  + Reading CSV Files with Pandas
  + Basic DataFrame Functions
* P3
  + Pivot tables
  + Applying functions to DataFrames with .apply()
* P4
  + Pandas Plotting and .plot()
  + Saving figures with matplotlib

References

1. <https://pandas.pydata.org/pandas-docs/stable/user_guide/visualization.html>