**ATP Data Analysis Project**

**Part 1: ATP Web Scrape**

* **MUST USE SELENIUM TO SCRAPE DYNAMIC WEBSITE** 
  + Learn how to scrape websites using selenium
* Collect data on the current top 100 (or more?) male tennis players through web scraping the Ultimate Tennis Statistics website using Selenium and python functions
  + Collect info box of individual players (make sure to get the country they play for as well as birthplace. E.g., 🡪 Shapovalov)
    - Current Rank, Best Rank, Current Elo Rating, Peak Elo Rating, Age, Country, Turned Pro, Plays, Backhand, Height, Overall W/L, Total Titles, Grand Slams, Masters, Total Prize Money
  + Collect player statistics
    - overview
  + Collect win/lose table

**Part 2: Clean the data and save in a useable format**

* Clean the data via python and save as JSON/CSV
* Can do additional cleaning in Excel

**Part 3: Data Visualization**

* Create an interesting dashboard on Tableau
* Can create visualizations on python or R studios as well