

Ben Mayersohn

Data Scientist

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Skills

Python, SQL, R, NumPy, Pandas, Data Visualization, Data Cleaning, Data Analysis, Airflow, Web Scraping, Selenium, BeautifulSoup, Jupyter, HTML, CSS, PHP, JavaScript, JSON, Git, Shell Script

Work Experience

Appfigures

- May 2020 – present * Data Scientist
- Sept 2019 – May 2020 * Junior Data Scientist
- June 2019 – Aug 2019 * Data Science Summer Intern

I create and deploy models that produce download and revenue estimates for mobile apps; clients then use these estimates to study their competition. I also tackle a variety of projects using a mix of Python, R, SQL, and shell scripting (bash) to maintain and improve our infrastructure.

Personal Projects

- May 2019 * **Web Scraping: Key Data Science Skills from Monster.com**
Developed a module to scrape job listings from Monster.com using BeautifulSoup. Added JSON (de)serialization capabilities for saving/loading results. Created class to tally keywords from individual listings or a group of search results. Visualized distribution of most popular keywords for data science jobs in NYC.
- Apr 2019 * **Slotenium: Online Slot Gameplay and Statistics**
Developed a framework for automating game play of online slot machine demos using Selenium. Collected the results from thousands of spins to develop an approximate distribution of returns to player. Currently employs this code to see if returns on pirated demo games are artificially high.
- Apr 2019 – May 2019 * **ShadeGPX: Locations For Race Event Photographers**
Wrote code in Python to process race course coordinates from Strava and determine the best photography spots. Devised a formula for a “shade factor” that increases with the length of the shadow cast in front of a runner. In pre-COVID times, I would employ this code to select locations as a hobbyist sports photographer.

Education

- Sept 2013 – present * **Doctoral Studies in Atmosphere-Ocean Science and Applied Mathematics**
New York University, Courant Institute of Mathematical Sciences
- May 2013 * **Bachelor of Science in Applied Mathematics**
Columbia University, School of Engineering and Applied Sciences
Honors: Magna Cum Laude, Dean’s List (Fall 2009 - Fall 2012)