Brandon Rao

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ABOUT ME

- **Skilled In:** Python, PySpark, SQL (Hive & Impala), R, Tableau, Git, Statistical Data Analysis, Web Automation, Microsoft Excel, Statistical Modelling, Regression Machine Learning

PROFESSIONAL EXPERIENCE

TD Bank Group   Sep 2019 – Present
Adoptions Data Analytics and Reporting Intern   *Toronto, ON*
- Built well documented and automated Python/ PySpark scripts to collect, clean and transfer data to be used in Tableau workbooks
- Responsible for the development and maintenance of Tableau dashboards to gain key insights on business-related data
- Led team of interns to win end-of-term work experience competition & presented to program supervisors

Explora Partners   Oct. 2019 – Jan 2020
Analyst Intern   *Toronto, ON*
- Designed and implemented Python web scraping applications to automate the collection of data about potential acquisitions / contacts and stored all of the information in excel spreadsheets to distribute to the team
- Saved hours of work for my co-workers by developing unforeseen automated processes
- Consistently and successfully met deadlines while surpassing performance indicators set by managers

Tutor Doctor   Dec 2018 – Feb 2020
Mathematics and Statistics Tutor   *Toronto, ON*
- Improved the grades of high school students by strengthening their entry level university calculus, trigonometry and statistics to prepare them for course material in university
- Developed comprehensive lesson plans that accommodated students' diverse needs by adapting course content and delivery style

411.ca   Sep 2016 – Feb 2017
Co-op Analyst   *Toronto, ON*
- Ensured relevant company information was displayed on the website by sorting and modelling data using Excel
- Created and maintained computer / telephone setups for new employees and kept the server room organized

PROJECTS

Scotts Directories Web Scraper
- Collects all parameters of data on any company in any specified city in Canada automatically
- Utilizes Python's Selenium library for web automation to scrape data from the Scott's Directories website

California Housing Machine Learning Project
- Machine learning project that predicts house prices based on parameters such as house location, age, size, the total number of rooms and bedrooms, etc.
- Built using a Python Jupityr notebook that takes advantage of basic linear regression algorithms

EDUCATION

University of Toronto   2016 – 2021
BSc. Honours, Mathematics and Statistics   *Toronto, ON*
- Relevant course work includes: Regression Analysis, Linear Programming, Computer Science, Probability, Linear Programming, Graph Theory