

# BRANDON RAO

## DATA ENTHUSIAST

### PROFESSIONAL SUMMARY

Organized and dependable data science candidate successful at managing multiple priorities while maintaining a strong work ethic and exhibiting a positive attitude. Willing and capable to take on added responsibilities while working through ambiguity in order to meet team goals and exceed expectations with little supervision.

### WORK EXPERIENCE

#### SENIOR BUSINESS APPLICATION ANALYST

*TD Bank Group, Toronto, ON / Dec 2021 - Present*

- Facilitated training of over 1000 colleagues in Databricks through the hosting of monthly webinars and hands-on workshops
- Developed and implemented key training material on Cloud tooling such as Azure Synapse, Databricks, and Tableau best practices
- Contributing member of the enterprise Tableau hands-on training program to improve data visualization skills of colleagues
- Supported colleagues through our team support inbox by answering use-case questions in a timely manner

#### DATA ANALYTICS INTERN

*TD Bank Group, Toronto, ON / Sep 2020 - Dec 2021*

- Developed Tableau dashboard which gave usage insights of Hadoop ecosystem consisting of over 1,200 members.
- Delivered technical training webinars around big data tools (Oozie & Git / Bitbucket) for 150+ data driven colleagues.
- Built well documented and automated Python / PySpark scripts to collect, clean and transfer data to be used in Tableau workbooks.
- Led team of interns to win end-of-term work experience competition & presented to program supervisors.

#### MATHEMATICS AND STATISTICS TUTOR

*Tutor Doctor, Toronto, ON / Dec 2018 - Feb 2020*

- 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.

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📍 Toronto, ON

### LINKS

- Brao.ca
- github.com/RaoBrandon
- linkedin.com/in/BrandonRao

### EDUCATION

#### UNIVERSITY OF TORONTO

HBSc. Mathematics and Statistics  
(Completed Nov 2022)

#### Relevant Coursework

- Regression Analysis
- Categorical Data Analysis
- Probability
- Computer Science
- Linear Programming

### TECHNICAL SKILLS

#### Tooling

- Python, PySpark, R, Jupyter Notebooks, Databricks
- SQL (Hive & Impala) RDBMS
- Tableau Data Visualization
- Git Distributed VCS
- Microsoft Excel

#### Expertise

- Cloud Tooling
- Big Data development
- Web & Script Automation
- Regression Machine learning
- Hadoop Platform

## WORK EXPERIENCE (CONT.)

### ANALYST INTERN

*Explora Partners, Toronto, ON / Aug 2019 - Dec 2019*

- 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.

## PROJECTS

### CALIFORNIA HOUSING MACHINE LEARNING PROJECT

*Python & Jupyter Notebooks*

- 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 Jupyter notebook that takes advantage of linear regression algorithms.

### SCOTTS DIRECTORIES WEB SCRAPER

*Python*

- 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.

### TORONTO & CALGARY WEATHER DASHBOARD

*Tableau*

- This project uses Toronto and Calgary weather data throughout the past 45 years to answer important climate change questions with intuitive visualizations.
- Identifies trends over time in temperature recordings that highlights the impact of global warming.

## SKILLS

Design thinking / problem solving

Teamwork & collaboration

Organization & time management

Communication & delivery

Customer support & experience