

Ritik Sharma

DATA ANALYST

Mississauga, ON

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Summary

A fourth-year student at the University of Toronto pursuing a major in Applied Statistics and double minor concentrations in Computer Science and Geographical Information Systems. I am an innovative and driven data analyst who has experience analyzing big data, building algorithms, and statistical modeling. My interests include big data analysis, data science, and machine learning.

Education

University of Toronto

Mississauga, Canada

B.S. IN APPLIED STATISTICS

Sept. 2018 - Apr. 2022

- Minor concentrations in Computer Science and Mathematics
- Relevant Coursework: Methods of Data Analysis, Design and Analysis of Experiments, Statistical Methods for Machine Learning I, Software Design, Probability and Statistics I & II, Statistics with Applied Probability, Introduction to Machine Learning, Surveys, Sampling and Observational Data, Geographic Information Analysis and Processing, Spatial Data Science I & II

Google

Coursera

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATION

2021

- Specialization in Data Analytics covering the entire scope of the data analysis process including Ask, Prepare, Process, Analyze, Share, & Act
- Focused on key analytical skills (data cleaning, analysis, & visualization) and tools (spreadsheets, SQL, R programming, Tableau)
- Visualizing and presenting data findings in dashboards, presentations, and commonly used visualization platforms such as Tableau

Technical Skills

- **Languages:** Python, Java, R, SQL (MySQL and SQLite), HTML/CSS/JavaScript
- **Technologies:** Tableau, RStudio, ArcGIS Pro, ArcGIS Desktop, VS Code, MySQL, Google Cloud Platform, Git, Jupyter Notebook, Microsoft Excel
- **Libraries:** BeautifulSoup, Numpy, Pandas, SciKit Learn, Tensorflow, Tidyverse, ggplot2

Projects

Bellabeat Case Study- A detailed Data Analysis Project

TECH STACK: RSTUDIO

August 2021

- Performed data cleaning techniques to obtain a refined and processed dataset containing Fitbit data
- Recognized key trends in the data which helped answer stakeholder questions
- Visualized findings of analysis using **tidyverse** and **ggplot2** packages in R

FIFA Club Analysis

TECH STACK: MYSQL, TABLEAU

September 2021

- Remodeled a FIFA game dataset from **Kaggle** to analyze club performances across the season
- Leveraged **join** queries to efficiently gather relevant data from multiple tables
- Developed dashboards on **Tableau** to help visualize the analysis

Toronto Airbnb Analysis

TECH STACK: RSTUDIO

June 2021

- Collected data from Airbnb to perform both descriptive and spatial analysis
- Based on a hypothetical situation, discovered the perfect Airbnb that aligned with several constraints
- Designed and developed an interactive map of Toronto displaying Airbnb and art gallery options using R libraries like **leaflet** and **geojsonio**

Term Project- Course Research Project (STA304: Surveys, Sampling, and Observational Data)

TECH STACK: RSTUDIO, GOOGLE FORMS

Oct. 2020 - Dec. 2020

- Investigated whether COVID-19 had an impact on the number of courses a student took in Fall 2020
- Collected data through survey and performed analysis.
- Built two **linear regression models** and performed **hypothesis testing**
- Wrote formal data analysis report including technical report