

RITIK SHARMA

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Education

University of Toronto

Sep 2018 – Apr 2022

Bachelor of Science in Applied Statistics, Dual minor in Computer Science and GIS

Mississauga, ON

Google

May 2021 – Sep 2021

Data Analytics Professional Certificate

Coursera

- Focused on key analytical skills (data cleaning, analysis, & visualization) and tools (spreadsheets, SQL, R, Tableau)
- Visualizing and presenting data findings in dashboards, presentations, and platforms such as Tableau

Relevant Coursework

- Methods of Data Analysis
- Statistical Methods for Machine Learning I
- Introduction to Machine Learning
- Design and Analysis of Experiments
- Software Design
- Spatial Data Science

Experience

Matterverse

Oct 2021 – Present

Data Analyst Intern

Toronto, ON

- Developed insightful analytics and intelligence for business team by collaborating with stakeholders to meet strategic objectives
- Collaborated with the Business Intelligence team to produce documentation for data sources, data models and KPI definitions
- Accelerated product marketing targets by automating tasks using Python scripts
- Designed and monitored KPI dashboards of user data on Tableau

Projects

Bellabeat Case Study - A detailed Data Analysis Project | RStudio

Aug 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

Toronto Airbnb Analysis | 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 gejsonio

Research Project- Impact of COVID-19 on course enrollment | RStudio, Google Forms

Sept 2020 - Nov 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 statistical analysis
- Built two linear regression models and performed hypothesis testing
- Wrote formal data analysis report including technical report

Technical Skills

Languages: Python, R, SQL, Java, HTML/CSS

Technologies: Tableau, RStudio, ArcGIS Pro, ArcGIS Desktop, VSCode, MySQL, Google Cloud Platform, Git, Jupyter Notebook, Microsoft Excel

Libraries: Numpy, Pandas, Scikit-learn, Tidyverse, ggplot2