

RITIK SHARMA

☎ 437-999-3522 ✉ ritiksharma1299@gmail.com 🔗 linkedin.com/ritiksharma4 🌐 ritiksharma.ca

Education

University of Toronto

Sep 2018 – Apr 2022

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

Toronto, ON

- **Relevant Coursework:** Methods of Data Analysis, Statistical Methods for Machine Learning I, Spatial Data Science, Introduction to Machine Learning, Design and Analysis of Experiments, Software Design

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

Technical Skills

Software: Python, Apex, R, SQL(MySQL, PostgreSQL), Java, Tableau, ArcGIS Pro, HTML/CSS

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

Machine Learning: Classification, Regression, Clustering, Feature Engineering, Dimensional Reduction Techniques

Data Analysis: Cleaning, Exploratory Data Analysis, Manipulation, Scraping, Visualization, A/B Testing, ETL

Work Experience

PwC Canada

May 2022 – Present

Consultant - Salesforce Developer

Toronto, ON

- Engineered automations and Marketing Journeys on Salesforce Marketing Cloud
- Automated Salesforce processes using Flow, Process Builder, and Workflow rules
- Developed Lightning Apps and Pages using Lightning App Builder
- Maintained and updated database records using SOQL and SOSL

PeopleInsight Workforce Analytics

Feb 2022 – May 2022

Data Analyst

Toronto, ON

- Connect multiple data sources, warehouse data, and validating results
- Responsible for analyzing and validating HR data
- Automated 100% of testing using SQL scripts for end to end testing with automated reporting
- Perform ad-hoc queries depending on client's need to solve business problems

Matterverse

Oct 2021 – Dec 2021

Business Analyst

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 3 weeks by automating over 90% of tasks using Python scripts
- Designed and monitored KPI dashboards of user data on Tableau

Projects

Washington House Price Prediction | Python, Pandas, Seaborn, Scikit-Learn

Dec 2021

- Predicted the price of house listings using linear regression, lasso regression, random forest, and Xgboost algorithms.
- Performed data cleaning, aggregation, and EDA using pandas and numpy, visualization using seaborn and matplotlib, and model building using scikit-learn
- Generated a training accuracy of 0.93 and a testing accuracy of 0.79 with 10-fold cross validation

Ocular Disease Intelligent Recognition | Python, TensorFlow, Pandas, Jupyter

Nov 2021

- Performed image pre-processing on dataset consisting of 5000 colour fundus photographs of human eyes
- Created convolutional neural network (CNN) based model using VGG19 architecture to detect Glaucoma
- Generated a validation accuracy of 0.87 and a testing accuracy of 0.88

Bellabeat Case Study - A detailed data analysis case study | 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