

Akshat Thakur

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Experience

Data Analyst - October 2022 to Present

UBC Development & Alumni Engagement

Data Analyst - January 2022 to September 2022

Clue

- Specifically, Data Analyst - Competitive Intelligence on the Data Operations and Insights team at Clue.
- Performed research, collected and analyzed medium and large datasets regarding customer engagement and satisfaction, trends, and product features.
- Worked on data validation for existing sources, scoped out and handled quality checks for new potential data sources and data providers.
- Identified product issues and bugs, brainstormed solutions at scale, and provided reports and insights to assist in product development, customer success strategies, and directly increased customer adoption, retention, and expansion.
- Technologies/tools used: R, Python, BigQuery (SQL), dbt, and Kibana (Elasticsearch).

Student Data Analyst - September 2021 to April 2022

UBC Centre for Student Involvement & Careers + UBC Student Experience Evaluation & Research

- Prepared data for surveys essential to informing subsequent departmental programming.
- Conducted descriptive, inferential, and multivariate data analysis by running various statistical scenarios in response to articulated questions of interest from core units.
- Owned (end-to-end) two projects involving a significant amount of data preparation, data manipulation, quantitative analysis, statistical modeling, text analysis, developing advanced skills in both survey data management and statistical analysis in R, Python, and Excel, and effectively communicating data analysis results to various stakeholders and departments via impactful reports, dashboards, and visualizations.

Undergraduate Teaching Assistant - September 2019 to April 2020

UBC Department of Computer Science

- Taught for Introduction to Systematic Program Design (systematic problem solving with Python) and discussed numerous important computer science fundamentals such as code reviews, debugging, data structures, designing functions and programs, and data visualization.

Web Developer + Digital Marketing Consultant - April 2018 to January 2019

Travel Tales

- Developed a website using JavaScript, CSS and HTML, including e-commerce capability, specialized scripts, and RESTful web-apps built with Java, and provided digital solutions for a small Travel and Tourism business.
- Built, implemented, and updated effective SEO and advertising strategies on a limited budget, increased outreach and viewership by 70%, and obtained 20 additional customers.

Projects

[Predicting Song Popularity](#) - Linear Regression, Polynomial Regression, LASSO Regression, Random Forest Regression (in R)

[NeutRal Milk Hotel](#) (Audio and lyrical analysis) - Natural Language Processing, Sentiment Analysis, Web Scraping, Web APIs

[Chronic Kidney Disease Prediction Model](#) (>98% accuracy) - R (tidyverse, ggplot2, caret), Jupyter Notebooks

Scotiabank Hackathon (S:\HA<KS) 2019 (1st Place out of 15 teams) - Python, Java

- Assumed the role of *Product Manager* and team leader, and utilized product design, innovation, creativity, market research, statistics, tracking progress, and delegation to design and implement three working POCs for portable, VR-based games to be used for university campus hiring.

Skills

Data Science and Analysis - R (tidyverse, ggplot2, dplyr, tidyr, caret), Python (Pandas, NumPy, SciPy, tensorflow, PyTorch, scikit-learn), SQL, BigQuery, Google Data Studio, RShiny, Tableau, dbt, PowerBI, JupyterLab/Notebooks, Google Colab, Kibana (Elasticsearch), Pendo, Microsoft Excel

Web - Java, JavaScript/TypeScript, Vue, React, HTML, CSS, Git/GitHub, JUnit, Mocha/Chai, RESTful APIs

Other Relevant Skills - Googling, Natural Language Processing, Sentiment Analysis, Web Analytics, Agile Development, SDLC, Communication, Leadership, Creative Problem Solving

Education

Bachelor of Science: **Statistics** (with a thematic concentration in **Computer Science**) - 2017 to 2021

University of British Columbia, Vancouver

- Recipient of *International Merit Entrance Scholarship* and the *Outstanding International Student* award