Akshat Thakur

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Experience

Data Analyst - October 2022 to Present
UBC Development & Alumni Engagement
- Planned and executed complex quantitative research initiatives that identify prospective donors, determine trends, forecast growth opportunities and provide strategic understanding of patterns in alumni and donor behavior.
- Utilized advanced machine learning and statistical analysis techniques such as regression analysis, time series analysis, cutting-edge predictive modeling and segmentation algorithms, text analysis, and spatial analysis to uncover key insights and trends in donor behavior.
- Developed and designed interactive dashboards, statistical reports, methodologies and standards, resulting in improved decision-making and increased efficiency for various business units.
- Extracted, cleaned, transformed, and synthesized structured and unstructured internal and external data, reducing analysis time by 55%.

Data Analyst - January 2022 to September 2022
Klue
- Collected and analyzed medium and large datasets and provided reports and insights to improve customer engagement and satisfaction, identify and fix product bugs and shortcomings, increasing customer retention and expansion by 32% and boosting team ARR to 155%.
- Conducted extensive data validation for existing and new sources and providers, leading to a 34% improvement in data accuracy.
- Successfully consulted and strategized to scale up processes, data operations and requirements.
- Awarded 'Owning the Solution' for being an internal and external expert on product features, leading training new-hires and onboarding specialists, and resolving client escalations.

Student Data Analyst - September 2021 to April 2022
UBC Center for Student Involvement & Careers + UBC Student Experience Evaluation & Research
- Prepared essential survey data, bolstering departmental programming effectiveness by 20% over two terms.
- Conducted descriptive, inferential, and multivariate data analysis by running various statistical scenarios in response to articulated questions of interest from core units, supporting stakeholder decision-making and sentiment.
- Had end-to-end ownership of multiple projects involving significant data preparation, data manipulation, quantitative analysis, statistical modeling, NLP and text analysis, survey data management and statistical analysis.
- Effectively communicated data analysis results to various directors and departments via impactful reports and visualizations, with 100% approval and an increase in understanding and implementation of data-driven decisions.

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
- Provided digital solutions for a small Travel and Tourism business with no prior web presence.
- Developed a website including e-commerce capability, specialized scripts, and RESTful web-apps.
- Built, implemented, and updated effective SEO and advertising strategies on a limited budget, increased outreach and viewership by 71%, and obtained 20 additional customers.

Skills

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

Web/Software Engineering - Java, JavaScript/TypeScript, Vue, React, HTML, CSS, Mocha/Chai, APIs, Google Analytics, Adwords, Facebook Ads

Other Relevant Skills - Git/GitHub, Googling, Communication, Leadership, Figma, Creative Problem Solving
(For *personal projects*, please visit www.akshatthakur.com)

Education

Bachelor of Science: **Statistics** (with a thematic concentration in **Computer Science**) - 2017 to 2021
University of British Columbia, Vancouver
- Awarded the prestigious *International Merit Entrance Scholarship* ($64,000)
- Recipient of the *Outstanding International Student* award ($16,000)
- Leadership and Extra-curriculars - Graphic and Architectural Design Club (President), Jam for Justice (VP Communications), Data Science Club (Member), Turing Club (Member), Blank Vinyl Project (Member, Musician)