

MOHIT KAUSHIK

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PROFILE

Data Scientist with 2 years of education and work experience in analyzing large datasets, particularly relational customer data, to provide recommendations that enhance sales and engagement in retail. Particular strengths include data storytelling, visualization, and stakeholder collaboration to drive informed, data-driven decisions.

SKILLS

Programming Languages: Python, SQL, R, HTML, CSS

BI Tools and Management: MySQL, Jupyter Notebook, MS Excel, Tableau, Power BI

Data Science Libraries: Pandas, NumPy, SciPy, Seaborn, Scikit-Learn, Matplotlib, TensorFlow

Data Analysis: Data Gathering, Data Cleaning, Reporting, Statistical Analysis and Clustering Algorithms

Soft Skills: Problem-Solving, Effective Communication, Team Player, Critical Thinking, Attention to details

RELEVANT EXPERIENCE

Data Analyst Intern

Maruti Suzuki India Limited

Sept – Nov 2022

Gurugram, HR, India

- Collaborated with IT and Marketing teams to resolve vendor data exceptions identified during data reviews, addressing root causes by developing an automated data gathering system in Python, improving accuracy, and reducing manual errors by 40%.
- Analyzed vendor data using Pandas, SQL, and Excel to identify gaps in our vendor presence compared to competitors. This insight led to recommendations for expanding our network in key regions, resulting in 20% market growth.
- Created a Power BI report with 50+ visualizations to identify market trends and patterns, using data storytelling techniques to communicate insights to stakeholders clearly and concisely.

Research Intern

Vellore Institute of Technology

June – Aug 2022

Chennai, TN, India

- Developed a machine learning model using Python and Scikit-Learn to track disease progression from Mild Cognitive Impairment (MCI) to Alzheimer's Disease (AD), achieved 85% accuracy, and provided valuable insights for reporting and analytics, contributing to data-driven decision-making in early diagnosis.
- Managed and refined MRI dataset quality by 85% through data cleaning with Pandas to enhance the model predictions.
- Applied ANOVA-based feature selection to simplify the dataset by 30%, preserving 95% of key information. This approach enhanced the healthcare system and supported future clinical practices for neurodegenerative diseases.

PROJECTS (ACADEMIC)

Customer Churn Prediction | [Project Link](#)

- Analyzed customer behavior data to identify key reasons for churn, enabling stakeholders to develop policies that improve retention. Enhanced customer data quality through cleaning, transformation, and manipulation for effective visualization. Developed comprehensive data report in Power BI with over 10 visualizations to highlight areas for improvement, enabling stakeholders with limited technical expertise to understand and communicate complex results effectively.

Retail Store Sales Data Analysis | [Project Link](#)

- Conducted market analysis on a retail store dataset using Microsoft Excel to enhance sales. Performed data cleansing, and applied pivot tables and functions to analyze sales trends in a fast-paced environment.
- Developed commercial recommendations based on market insights to drive strategic growth, resulting in a 30% increase in sales. Communicated market information to stakeholders through visualizations and comprehensive Excel reports, supporting data-driven decision-making to enhance sales strategy.

Netflix Data Analysis | [Project Link](#)

- Conducted a comprehensive analysis of Netflix's content database using SQL, uncovering key insights into content distribution and viewer preferences, which informed strategic recommendations for content curation and marketing.
- Developed and executed complex SQL queries to extract and analyze data, resulting in actionable insights that identified the most common rating as 'PG-13' and revealing that the USA accounted for 40% of the total content, enhancing data-driven decision-making.

EDUCATION

Master of Engineering, Applied Data Science

University of Victoria

Sept 2024

Victoria, BC

Bachelor of Technology, Computer Science and Engineering

Vellore Institute of Technology

May 2023

Chennai, India

CERTIFICATIONS

Databases and SQL for Data Science with Python, IBM, Coursera, Pursuing

Cover Letter By

Mohit Kaushik

Data Scientist

I am writing to express my strong interest in the Data Scientist position at your esteemed company. As a recent master's graduate in Data Science from the University of Victoria, I am excited about the opportunity to bring my analytical skills and fresh academic insights to your team. Your company's reputation for groundbreaking innovation and commitment to data-driven solutions is what drew me to this opportunity, and I am confident that my background would make me a valuable asset.

I have a solid foundation in statistical analysis, machine learning, and data visualization, gained through graduate studies and practical projects in Python and SQL. I am passionate about leveraging data to drive insightful, evidence-based decisions that support business objectives.

I am enthusiastic about the chance to learn more about your team and discuss how my skills in data analysis and modeling align with your company's goals. Please find my resume enclosed for your review, and feel free to contact me by email at **mohit.coop2024@gmail.com** should you have any questions. I look forward to speaking with you.

A stylized, handwritten signature of Mohit Kaushik in a dark grey color.

Mohit Kaushik