

SHAURYADITYA SINGH

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SUMMARY

Aspiring Data Scientist with hands-on experience in Python, SQL, ML, and data visualization. Completed a 6-month internship delivering actionable insights across HR, supply chain, and mobility sectors. Adept at EDA, forecasting, and dashboarding with Streamlit and Tableau. Currently pursuing M.S. in Data Science with a focus on building practical, business-aligned analytics solutions.

EXPERIENCE

Data Science Intern

Unified Mentor | Mar 2025 – Aug 2025 | Remote, Canada

- Collaborated with mentors on 4 full-cycle analytics projects using Python, Pandas, and visualization libraries
- Conducted exploratory data analysis (EDA) and statistical modeling for a Netflix content analysis project utilizing NumPy, Matplotlib, and Seaborn.
- Built a time-series forecasting model for Uber trip demand leveraging Prophet, Scikit-learn, and XGBoost, improving route allocation planning.
- Performed logistic regression and decision tree classification on IBM HR data to identify employee attrition patterns.
- Applied data preprocessing and clustering techniques to analyze supply chain trends, improving supplier risk visibility.
- Documented and presented findings leveraging Jupyter Notebooks and Streamlit, ensuring communication of technical insights to non-technical stakeholders through interactive dashboards.

Operations Intern → Process Analyst → Junior Data Analyst

Sini Designs Pvt. Ltd. | Jan 2021 – May 2024 | Hybrid, India

- Built and deployed ML models for demand forecasting, supplier segmentation, and quality defect detection.
- Developed predictive models to forecast seasonal apparel demand, improving procurement and production planning accuracy by 20%.
- Implemented clustering algorithms to segment customer regions and streamline marketing campaigns.
- Led data-driven projects to optimize inventory turnover, reducing stockouts and excess by 15–20%.
- Mentored 2 analysts and worked with marketing, logistics, and production teams to deliver data-driven insights.
- Presented quarterly insights to company leadership, aligning analytics outputs with strategic business goals.

Technical Projects

Customer Churn Prediction (In Progress)

- Built an end-to-end classification model to predict customer churn through telecom data.
- Engineered features, performed hyperparameter tuning to improve F1-score by 12%.

Cryptocurrency Trend Analysis

- Conducted trend analysis and volatility tracking of Bitcoin and Ethereum from historical price data.
- Created interactive dashboards in Tableau and drew correlations using moving averages and volume indicators.

EDUCATION

Stevens Institute of Technology

Master of Science; Major in Data Science with Concentration in Data Engineering

Relevant Coursework: Machine Learning, Data Wrangling, Statistical Modelling, Big Data Systems

May 2027

NJ, United States

University of British Columbia

Bachelor of Applied Science; Major in Process Engineering with Minor in Commerce

Relevant Coursework: Process Modeling, Optimization, Applied Mathematics, Business Finance

May 2025

BC, Canada

SKILLS

- **Languages & Tools:** Python, SQL, Jupyter, Git, Streamlit, Power BI, Tableau
- **Libraries:** Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, Plotly, Prophet, XGBoost
- **Techniques:** Regression, Classification, Clustering, Time Series Forecasting, EDA, Data Cleaning
- **Other Tools:** Excel (VLOOKUP, Pivot Tables), Sheets, Git, GitHub
- **Certifications:** IBM Data Science, Google Data Analytics, Google Cloud Platform: Data Engineering & ML, Microsoft Power BI Professional, AWS Cloud Practitioner (In Progress)