

MOHIT PHULWANI

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Professional Summary

Analytical and impact-driven Business Analyst with 2+ years of experience solving complex data problems using SQL, Python, Power BI, Tableau, and Excel. Proven ability to automate reporting workflows, optimize operations, and develop predictive models that support executive decision-making. Strong background in statistical analysis, data engineering, and business performance measurement. Seeking to bring analytical expertise and data storytelling skills to a fast-paced, innovative team like Amazon's.

Education

Sacred Heart University, Connecticut, United States

Master of Science – Business Analytics (GPA: 3.9)

Sep 2024 – Dec 2025

Relevant: Predictive Modeling, SQL, Machine Learning, Forecasting, Data Visualization, Python

University of Mumbai, Mumbai, India

Bachelor of Arts – Economics

Jan 2021 – Feb 2024

Relevant: Econometrics, Statistical Modeling, Behavioral Economics

Experience

Data Analyst Graduate Assistant

Sacred Heart University, Institutional Research Office, Fairfield, Connecticut

Oct 2024 – Present

- **Automated 15+ institutional reports** (IPEDS, US News) using **SQL, SSRS, and Excel macros**, cutting cycle time by 30% and increasing data reliability.
- **Designed SQL views and stored procedures** to streamline data workflows and boost table refresh speed by 22% for monthly reporting.
- **Built Tableau dashboards** to monitor student success metrics, used by **200+ faculty and administrators for resource allocation**.
- **Supported predictive analysis initiatives** by integrating data from multiple sources and cleaning high-volume datasets.

Business Data Analyst

Bharti Lining Pvt. Ltd, Mumbai, India

Jun 2022 – Jul 2024

- Led **cost optimization project** by analyzing procurement data with **T-SQL**, cutting vendor expenses by 25%.
 - **Developed Power BI dashboards** for real-time inventory monitoring, **increasing monthly revenue by \$10K through better stock control**.
 - **Wrote automated Python scripts for data extraction and preprocessing**, saving 10+ hours/month in manual reporting tasks.
 - Collaborated cross-functionally in **Agile sprints to resolve forecasting inefficiencies**, reducing order processing time by 20%.
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Projects

U.S. Flight Delay Dashboard – Python, Plotly, Dash, Streamlit

- Built and deployed an interactive dashboard showing flight delay patterns based on weather and location, with real-time filtering and predictive insights.

Housing Price Prediction App – Scikit-Learn, Python

- Built Ridge regression model for King County housing data; increased R^2 by 15% over baseline to support dynamic pricing decisions.

Auto Sales Analytics Dashboard – Dash, Python

- Developed a dashboard for analyzing car sales trends across time and location, supporting strategic planning and marketing.
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Technical Skills

- **Languages:** SQL, Python, R
- **Tools:** Power BI, Tableau, Dash, SSRS, Excel (Pivot, Power Query), Git, Alteryx, DBT
- **Databases:** MySQL, Snowflake, Hive, MS SQL Server
- **Methods:** Regression, Classification, Clustering, Time Series, A/B Testing
- **Certifications:** IBM Data Science Professional Certificate, Bloomberg Market Concepts (BMC)