

Shivani Vishwakarma

Data Analyst

shivani03112005@gmail.com · LinkedIn · GitHub · Portfolio

PROFESSIONAL SUMMARY

Detail-oriented Data Analyst skilled in Python, SQL, and data visualization, with hands-on experience working on real-world datasets to discover patterns and generate actionable insights. Proficient in data preprocessing, exploratory analysis, and dashboard creation to enable evidence-based decision-making.

EDUCATION

BS in Data Science

Indian Institute of Technology Madras

Expected Graduation: 2027

SKILLS

| | |
|--------------------------|---|
| Programming | Python, SQL |
| Libraries | Pandas, Matplotlib, Seaborn |
| Tools | Power BI, Excel, Jupyter Notebook, Git, GitHub |
| Core Competencies | Data Preprocessing · Exploratory Analysis · Visual Reporting · Business Intelligence · Pattern Discovery · KPI Monitoring |

DATA ANALYTICS PROJECTS

Customer Churn Analysis [GitHub](#)

Examined 7,000+ customer records to determine key drivers of customer attrition and retention. Conducted database-driven queries to study demographics, subscription behavior, and churn patterns. Developed an interactive Power BI dashboard featuring 6+ performance metrics to highlight churn insights and aid retention planning.

Sales Data Analysis [GitHub](#)

Evaluated 9,000+ transaction records from a Superstore dataset to uncover revenue patterns and performance trends. Assessed regional profit margins and product-category performance to derive meaningful operational insights. Designed 10+ graphical reports to clearly present findings and assist strategic planning.

Netflix Data Analysis [GitHub](#)

Investigated 8,000+ titles to understand variations in content formats, genre spread, and release timelines. Performed structured data preparation and in-depth exploratory techniques to reveal catalog patterns. Produced 8+ graphical insights illustrating the transformation of Netflix's content approach over time.

CERTIFICATIONS

Foundational Level in Programming and Data Science – Indian Institute of Technology, Madras | Dec 2024
Python for Data Science, AI & Development – IBM | Sep 2025
Databases and SQL for Data Science with Python – IBM | Sep 2025
Python Project for Data Science – IBM | Sep 2025
Data Analytics Bootcamp – Alexander Freberg | Feb 2026