

ABHIJEET ROY

Data Analyst | Python • SQL • Power BI • Tableau • Excel

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 Gurugram, Haryana (Relocating)

 LinkedIn

 GitHub

 Portfolio

Professional Summary

Data Analyst with hands-on experience in Python, SQL, Power BI, Tableau, and Excel for solving real-world business problems. Skilled in data cleaning, exploratory data analysis (EDA), business intelligence, KPI reporting, dashboard development, statistical analysis, and time-series forecasting. Built end-to-end analytics solutions across customer analytics, retail sales analytics, business intelligence dashboards, KPI reporting, and time-series forecasting using Prophet. Passionate about transforming complex datasets into actionable insights that improve business performance and support business growth and data-driven decision-making.

Technical Skills

- **Programming:** Python, SQL
- **Business Intelligence:** Power BI, Tableau, Excel (Advanced)
- **Data Analytics:** Exploratory Data Analysis (EDA), Statistical Analysis, Business Analytics, KPI Reporting, Forecasting, Data Cleaning
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Prophet
- **Databases:** MySQL, PostgreSQL
- **Tools:** Git, GitHub, Jupyter Notebook, VS Code, Google Colab
- **Cloud:** AWS Cloud Fundamentals

Experience

Data Analyst Intern

Nov 2025 – Apr 2026

HelloGrowing, Ranchi, Jharkhand

- Managed end-to-end data collection, cleaning, validation, transformation, and standardization using Python and SQL to ensure high-quality analytical datasets.
- Performed exploratory data analysis to identify business trends, anomalies, and actionable insights supporting strategic decision-making.
- Developed interactive Power BI dashboards for KPI monitoring and automated business reporting.
- Wrote optimized SQL queries to extract, transform, and validate data from relational databases.
- Collaborated with cross-functional teams to gather business requirements and improve reporting workflows.
- Automated repetitive reporting processes using Python, reducing manual effort and improving operational efficiency.

Projects

E-Commerce Customer & Sales Insights | Python, SQL, MySQL, Power BI

- Built an end-to-end e-commerce analytics solution using Python, SQL, MySQL, and Power BI to analyze customer behavior, sales trends, and business performance
- Cleaned and transformed transactional data using Python (Pandas) and Power Query, then designed a relational data model with DAX measures for interactive dashboards.
- Performed RFM customer segmentation and advanced SQL analysis (JOINS, CTEs, Window Functions) to identify high-value customers and purchasing patterns.
- Developed executive Power BI dashboards featuring KPI tracking, revenue analysis, product performance, geographic insights, and customer segmentation.
- Generated data-driven recommendations for customer retention, inventory planning, and sales optimization through trend and profitability analysis.

Walmart Sales Performance & Revenue Analytics (2010–2012) | Python, SQL, MySQL, Power BI, Tableau

- Analyzed historical Walmart sales data (2010–2012) across 45 stores to identify revenue trends, seasonal demand, holiday impact, and regional business performance.
- Performed data cleaning, preprocessing, SQL querying, and exploratory data analysis using Python and SQL.
- Built interactive Power BI and Tableau dashboards featuring KPIs, sales trends, top-performing stores, holiday sales comparisons, and temperature-based sales analysis.
- Developed a 52-week sales forecasting model using Prophet to support inventory planning and revenue forecasting.
- Delivered actionable business recommendations for promotional campaigns, inventory optimization, and business decision-making.

Credit Card Customer Analytics & Attrition Analysis | Python, SQL, MySQL, Power BI [🔗](#)

- Cleaned and transformed customer transaction data using Python.
- Performed EDA, customer segmentation and statistical analysis to identify attrition patterns.
- Built Power BI dashboards for churn analysis, revenue trends and customer demographics.
- Generated business recommendations to improve customer retention and decision-making.

Education

Bachelor of Computer Applications (BCA)

Vinoba Bhave University, Jharkhand

Sep 2021 – Aug 2024

Certifications

- PW Data Analytics | AWS Cloud Practitioner | Machine Learning (Columbia University) | ISRO Remote Sensing Data Analytics in Crop Production