

Jayant Batwal

[LinkedIn](#) • [Github](#)

PROFESSIONAL SUMMARY

Detail-oriented Data analyst transforming raw data into actionable insights. Skilled in SQL, Python, and Advanced Excel, with expertise in data visualization, statistical analysis and database management. Proven ability to communicate insights clearly to stakeholders and contribute to strategic decision-making.

EDUCATION

Bachelor of Engineering (Computer Science) Parul Institute of Engineering and Technology	2016 - 2020 Grade: 7.4/10.0
Intermediate (Class XII) The Aditya Birla Public School	2014 - 2015 Grade: 65.0%
Matriculation (Class X) The Aditya Birla Public School	2012 - 2013 Grade: 7.4/10.0

EXPERIENCE

Data Analyst Epsilon	May 2022 - October 2024 <i>Bangalore</i>
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- Cleaned and structured raw data from multiple sources (Snowflake, Salesforce, Google Analytics), **reducing data inconsistencies by 95% and enabling cleaner analytics.**
- Automated recurring reporting processes using **SQL and Python**, **reducing manual effort by 30%** and ensuring timely insights delivery.
- Collaborated with Product and Engineering teams to define and track 10+ core business metrics, leading to data-informed decisions that **improved product retention by 18%.**
- Led an A/B testing initiative that resulted in a **15% increase in conversion rate**, influencing major UI/UX changes on the company's product page.
- Utilized **Python visualization libraries (Matplotlib, Seaborn, Plotly)**, uncovering trends that improved **retention by 15%.**
- Ensured data integrity and accuracy by designing **validation rules**, error checks, and standardized templates.
- Conducted **exploratory data analysis (EDA)** with Python (Pandas, Matplotlib, Seaborn) to uncover sales trends customer behavior insights that boosted retention by 15%.
- Automated reporting and analysis with Power BI and SQL, boosting report accuracy and cutting processing time

Sr. Technical Security Engineer Hitachi Systems India Pvt Ltd	September 2020 - May 2022 <i>New Delhi</i>
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- Learned and applied data security protocols to ensure safe handling of information during inbound and outbound data transfers across organizational systems.
- Ensure compliance with least privilege principles across all systems. Implement data encryption, DLP (Data Loss Prevention), and endpoint security policies to prevent unauthorized access or leakage.
- Conduct regular vulnerability scans and penetration tests on applications, networks, and endpoints.
- Evaluate and recommend security tools, technologies, and frameworks to strengthen organizational defenses.

PROJECTS

Zomato Sales Data Analysis (Github)	August 2024
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- This project focuses on analyzing the Zomato restaurant dataset using Python to uncover insights about food trends, restaurant popularity, and customer preferences.
- Through data cleaning, visualization, and exploratory analysis, we identified top cuisines, popular cities, cost trends, and factors affecting restaurant ratings.
- Explored correlations between features such as price range, online delivery availability, and restaurant type with customer ratings to understand drivers of customer satisfaction and loyalty.

Flight Data Analysis (Github)	July 2024
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- Analyzed airline data to uncover trends in flight routes, travel frequency, and peak seasons.
- Identified top destinations, customer preferences, and booking patterns.
- Investigated flight delays and cancellations using time-based features to find operational bottlenecks and weather-related disruptions impacting airline performance.
- Explored fare structures, class-wise pricing, and factors influencing ticket costs to suggest pricing strategies and optimize revenue models.

CERTIFICATIONS

Data Analysis with Python Free Code Camp ([Link](#))

March 2025

- Successfully completed the Data Analysis with Python certification by freeCodeCamp, a comprehensive program focused on practical data manipulation, analysis, and visualization using Python. Developed hands-on experience in cleaning, transforming, and interpreting real-world data sets using powerful libraries such as Pandas, NumPy, Matplotlib, and Seaborn.

SKILLS

Computer Languages: Python

Data Tools: Power BI, NumPy

Software Packages: Excel, MySQL, Figma, Matplotlib, Pandas

Additional Courses: Data Structure

Soft Skills: Communication Skills, Presentation Skills, Critical Thinking

Others: Tableau, Analytics, Spreadsheet, Microsoft Office

EXTRA-CURRICULAR ACTIVITIES

Calligraphy, Orchestra, Volleyball, Table Tennis