

Jayant Batwal

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PROFESSIONAL SUMMARY

Detail-oriented Data analyst with 2+ years of experience in 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 May 2022 - October 2024
Epsilon *Bangalore*

- Improved dashboard performance by optimizing SQL queries and data models, **reducing load time by 40%** and increasing stakeholder adoption.
- Designed and deployed interactive dashboards in Power BI that tracked KPIs across marketing campaigns, leading to a **20% improvement in campaign ROI**.
- Automated monthly reporting processes using Python scripts and Excel macros, **reducing reporting time from 8 hours to 30 minutes per cycle**.
- Cleaned and structured raw data from multiple sources, **reducing data inconsistencies by 95%** and enabling cleaner analytics.
- Developed and maintained SQL-based data pipelines that supported realtime **dashboards viewed by over 100 internal users**.
- Collaborated with Product and Engineering teams to **define and track 10+ core business metrics**, leading to improved data-informed decisions.

Sr. Technical Security Engineer September 2020 - May 2022
Hitachi Systems India Pvt Ltd *New Delhi*

- 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

- Problem Statement:** Analyze the Zomato restaurant dataset to identify food trends, customer preferences, restaurant popularity, and factors influencing customer ratings and satisfaction.
- Approach:** Performed data cleaning, exploratory data analysis (EDA), feature correlation analysis, and visualizations to study cuisines, cities, pricing, delivery options, and ratings.
- Output:** Identified top cuisines, popular restaurant locations, cost and rating trends, and key factors such as online delivery and price range impacting customer satisfaction.
- Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, and Exploratory Data Analysis (EDA).

Flight Data Analysis ([Github](#)) July 2024

- **Problem Statement:** Analyze airline data to identify travel trends, customer booking behavior, flight performance issues, and factors affecting ticket pricing and airline operations.
- **Methodology:** Performed data cleaning, exploratory data analysis, time-based trend analysis, and visualizations to study routes, delays, cancellations, pricing, and customer preferences.
- **Output:** Identified peak travel seasons, top destinations, booking patterns, operational bottlenecks, delay causes, and pricing factors to support revenue optimization strategies.
- **Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook, and Exploratory Data Analysis (EDA).

CERTIFICATIONS

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

March 2025

- 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, SQL, Python

Data Tools: NumPy, Power BI, Power BI

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

Additional Courses: Data Structure

Soft Skills: Critical Thinking, Presentation Skills, Communication Skills

Others: Microsoft Office, Spreadsheet, Analytics, Tableau