

JASMIN SHAIK

Data Analyst & Data Scientist

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PROFESSIONAL SUMMARY

Data Analyst and Data Scientist with **2.5+ years of experience** in data-driven decision-making using statistical methods and predictive analytics. **Proficient in SQL, Python, and advanced data preprocessing techniques.** Skilled in visualizing time-series data with **Power BI and Grafana**, and managing large datasets across **PostgreSQL, MSSQL, and Oracle**. Knowledgeable in applying **supervised and unsupervised ML algorithms** to solve business problems and uncover actionable insights.

SKILLS

Database Management:	Microsoft SQL Server, Oracle, PostgreSQL
Programming Languages:	Python, SQL
Data Manipulation & Analysis:	Pandas, NumPy, Microsoft Excel
Data Visualization:	Power BI, Grafana, Matplotlib, Seaborn
Statistics:	Descriptive Statistics, Hypothesis Testing, Probability, Time Series Analysis
Machine Learning:	Scikit-learn, EDA, Regression, Classification, Clustering, Anomaly Detection
Tools & Platforms:	Jupyter Notebook, Google Colab, GitHub, Microsoft Power BI Service
Soft Skills:	Problem Solving, Team Collaboration, Data Storytelling, Time Management

EXPERIENCE

Data Scientist — Efftronics Systems Pvt. Ltd. *Aug 2023 – Present*

- **Smart Water Management:** Designed and deployed interactive dashboards using **Power BI** and **Grafana** to monitor **Unaccounted Water** and **Per Capita Usage**, leading to a **40% reduction in water wastage**. Integrated real-time **leakage detection reports**, resulting in a **50% decrease in leakages**.
- **Weather Monitoring System:** Analyzed environmental parameters including **temperature, humidity, CO₂, NO₂, and AQI**, which contributed to a **3x improvement in air quality** through actionable insights.
- **Railway Platform Asset Monitoring:** Built real-time dashboards to monitor **platform lights, lifts, and escalators**, enhancing energy efficiency by **40%** and improving **asset availability** for better passenger service.

Data Analyst Intern — Efftronics Systems Pvt. Ltd. *Sep 2022 – Jul 2023*

- **Energy Management System:** Performed data analysis and developed dashboards for **air conditioning units, lighting, and solar panels**, resulting in a **30% reduction in energy consumption** across monitored sites.
- **Indoor Air Quality Monitoring:** Visualized and tracked real-time data from **IAQ sensors** like **dust, smoke, CO₂, VOCs, temperature, and humidity**. Also monitored **server room and storage area conditions**.

PERSONAL PROJECTS

Data-Driven Healthcare Insights: Exploratory Study

Performed end-to-end data cleaning, data preprocessing, exploratory data analysis (EDA), and data visualization on a healthcare dataset. Developed interactive dashboards in Power BI to present insights on patient outcomes, billing trends, medical conditions, doctor and hospital performance, and time-series analysis.

Tools and Technologies Used: Python (Pandas, NumPy, Matplotlib, Seaborn), Jupyter Notebook, Power BI

CERTIFICATIONS

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| • Virtual Internship in Data Science by APSSDC | • Data Science with Python – Great Learning |
| • SQL for Data Science – Great Learning | • Data Visualization with Power BI – Great Learning |
| • HackerRank SQL (Basic, Intermediate, Advanced) | • Python Pandas Basics – Simplilearn SkillUp |
| • NumPy, Intro to NumPy – Simplilearn SkillUp | |

EDUCATION

B.Tech in Computer Science and Engineering 2019 – 2023

Rajiv Gandhi University of Knowledge and Technologies (APIIT, Nuzvid), **CGPA: 9.3**

Pre-University Course (PUC / Intermediate) 2017 – 2019

Rajiv Gandhi University of Knowledge and Technologies (APIIT, Nuzvid), **CGPA: 9.4**

CLASS X 2017

Zilla Parishad High School, Nidubrolu, **CGPA: 10.0**