



FATHIMA JASMIN M

BTECH-ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

CONTACT

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SUMMARY

Data Analyst with expertise in SQL, Python, Machine Learning, and Data Visualization (Power BI, Tableau, Excel). Strong problem-solving skills with experience in data cleaning, analysis, and predictive modeling. Passionate about transforming raw data into actionable insights for business decision-making.

EDUCATION

BTech in Artificial Intelligence & Data Science | Erode Sengunthar Engineering College | 2021 – 2025 | 79%

Higher Secondary Certificate (HSC) | St. Mary's Matric Hr. Sec. School | 2021 | 86%

Secondary School Leaving Certificate (SSLC) | St. Mary's Matric Hr. Sec. School | 2019 | 83%

SKILLS

- 1. Programming & Data Analysis:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, Excel
- 2. Data Visualization:** Power BI, Tableau, Matplotlib, Seaborn
- 3. Machine Learning:** Scikit-learn, Regression, Classification, Clustering
- 4. Cybersecurity:** Kali Linux, Wireshark, Snort (Intrusion Detection System)
- 5. Other Tools:** Docker, 3D Designing (Basic)

CERTIFICATIONS

- Python for Data Science – Kaggle [Certification](#)
- Intro to Machine Learning – Kaggle [Certification](#)
- Data Visualization with Kaggle [Certification](#)
- Intro to Programming with Kaggle [Certification](#)

PROJECTS

1. SQL & Data Analysis Projects - COVID-19 & Nashville Housing Analysis

Analyzed large datasets using SQL queries (Joins, Window Functions, CTEs) to extract meaningful insights. Performed data cleaning & transformation for accurate trend analysis - [GitHub Link](#)

2. Data Visualization Projects - Power BI - Data Science Industry Survey Analysis

Built an interactive Power BI dashboard using real-world survey data from data professionals.

Provided insights on salary trends, job demand, and required skills - [GitHub Link](#)

Tableau - Airbnb Price & Listing Analysis-Conducted exploratory data analysis (EDA) on Airbnb listings dataset. Designed Tableau dashboards to visualize pricing trends, guest preferences, and occupancy rates - [GitHub Link](#)

3. Cybersecurity & Software Projects

Digital Twin Software using Docker - Developed a virtual replica of real-world objects for predictive maintenance & simulation. Implemented Docker containers to enhance system efficiency.

Network Attack Detection System - Built an intrusion detection system (IDS) using Snort, Kali Linux, and Wireshark. Monitored & analyzed network traffic for potential security threats.

WORK EXPERIENCE



Business Development Intern | International Model United Nations | May 2023 – Oct 2023

Assisted in crafting comprehensive business development plans.

ACHIEVEMENTS

- 1. Delegate at International Model United Nations**
 - Represented Algeria, advocating for food scarcity solutions.
- 2. Campus Ambassador (IMUN)** - Served twice & received social media recognition.

DECLARATION

- I hereby declare that the details furnished above are true and correct and the information presented in this resume accurately reflects my qualifications and experience.

PLACE :

DATE :

SIGNATURE