

JAINIL HALPATI

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PROFESSIONAL SUMMARY

Aspiring Data Scientist with a strong foundation in Machine Learning, Data Analytics, and Business Intelligence. Pro

EXPERIENCE

Data Science Intern – Access Million (TopMentor Program)

April 2024 – October 2024

- Analyzed large-scale marketing datasets to uncover customer engagement trends and optimize sales strategies.
- Built a Flight Price Prediction model with 90% accuracy using CatBoost Regressor.
- Designed dashboards in Power BI and Tableau for real-time business insights.
- Automated SQL-based reporting pipelines, reducing manual effort by 50%.
- Worked on customer segmentation and e-commerce analytics using machine learning models.

EDUCATION

B.Sc. in Computer Science – Nirmala Memorial Foundation (Aug 2023) • CGPA: 6.84

Relevant coursework: Data Structures, Algorithms, DBMS, Python Development

Master's in Data Science – TopMentor (Expected Oct 2024)

Specialized in Machine Learning, Data Analytics, and Business Intelligence

IBM Data Science Professional Certificate – Coursera (IBM) (Feb 2024)

10-course program covering Python, SQL, ML, AI, and Capstone project

TECHNICAL SKILLS

Languages & Tools: Python (Pandas, NumPy, Scikit-learn), SQL, Flask

Visualization: Tableau, Power BI, Matplotlib, Seaborn

Machine Learning: Regression, Classification, Clustering, Neural Networks

Databases: MySQL, PostgreSQL

Business Tools: Excel (Pivot Tables, Advanced Functions), Data Wrangling

Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Communication

PROJECTS

Retail Customer Churn Prediction & Dashboard

- Built Random Forest model (85% accuracy) to identify churn-risk customers.
- Created Power BI dashboard showing churn trends and segments.
- Simulated 18% churn reduction through targeted retention.

Tech Stack: Python, Scikit-learn, Power BI, SQL, Pandas, Matplotlib

AI-Powered Resume Screening Tool

- Built NLP tool to screen resumes using spaCy and PDFMiner.
- Created Flask app to upload resumes and match with job descriptions.
- Integrated OpenAI API to generate interview questions.
- Reduced manual screening time by 70%.

Tech Stack: Python, Flask, spaCy, Pandas, PDFMiner, OpenAI API

CERTIFICATIONS

IBM (11): Data Science, ML with Python, SQL, Capstone, etc.

TopMentor (11): Data Science, BI, Power BI, Tableau, ChatGPT, etc.

DECLARATION