

Divya S

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SUMMARY

Postgraduate MCA student with a strong foundation in computer science, skilled in Python programming, software development, and database management.

Experienced in problem-solving and implementing practical solutions.

A quick learner with strong teamwork and communication skills, aiming to contribute effectively in innovative and technology-driven environments.

WORK SUMMARY · Analyzed large restaurant datasets to uncover business patterns such as top cuisines, high-performing cities, online delivery trends, and peak customer engagement hours.

Cleaned and preprocessed raw data to ensure integrity and consistency across thousands of records.

· Performed exploratory data analysis (EDA) using Pandas, NumPy, Matplotlib, and Seaborn, generating visual insights for informed decision-making.

· Developed interactive dashboards in Power BI to highlight KPIs, location-based clusters, and customer behavior.

· Collaborated with cross-functional teams to understand business requirements and present data-driven recommendations.

· Built a Fake News Detection model using NLP, Scikit-learn, and NLTK to classify news articles with high accuracy, and documented the workflow in Jupyter Notebook for clarity and reproducibility.

· Strengthened skills in data storytelling, critical thinking, and stakeholder communication through hands-on projects and team interactions.

· Applied best practices in data documentation and version control, ensuring transparency, reproducibility, and collaboration across the project lifecycle.

WORK EXPERIENCE

Data Science Intern

Pinnacle Labs

Jan '25

- Tools & Technologies: Python, NLP, Scikit-learn, NLTK, Jupyter Notebook Developed a machine learning model to classify news articles as real or fake using NLP techniques. Documented the end-to-end pipeline in Jupyter Notebook, ensuring clarity and reproducibility.

Data analyst intern

cognifyz

Dec '24 — Jan '25

- Tools & Technologies: Python, Pandas, Matplotlib, Power BI Derived business insights from restaurant data, identifying top cuisines, high-rated cities, and online delivery trends. Built visualizations and dashboards to analyze pricing, ratings, and geographical patterns using Power BI and Python.

EDUCATION

Master in Computer Application, Acharya Institute of Technology, Bangalore (GPA: 8.80)

Present

Bengaluru, India

Bachelor in Computer Application, Vasavi Jnana Peetha First Grade College, Bangalore (GPA: 8.09)

Jan '20 — Dec '23

Bengaluru, India

PROJECTS

Walmart Sales Forecasting & Business Insights

- Analyzed Walmart's historical sales data to uncover patterns, regional trends, and the impact of holidays and events.
- Engineered time-based features (month, year, holiday flags) to improve forecast accuracy.
- Built predictive models (Prophet, Random Forest, XGBoost) to forecast weekly sales at the store and department levels.
- Designed and deployed an interactive Streamlit dashboard for real-time sales forecasting and comparison across stores.
- Created insightful visualizations using Power BI and Matplotlib to support data-driven business decisions.
- Recommended strategies to optimize inventory management, promotions, and resource planning based on forecasted trends.

Restaurant Data Analysis Project

- Derived business insights from restaurant data, identifying top cuisines, high-rated cities, and online delivery trends.
- Built visualizations and dashboards to analyze pricing, ratings, and geographical patterns using Power BI and Python.

Fake News Detection

- Developed a machine learning model to classify news articles as real or fake using NLP techniques.
- Documented the end-to-end pipeline in Jupyter Notebook, ensuring clarity and reproducibility.

E-Commerce Insights (Mini-Project)

- Conducted EDA on sales data to uncover seasonal trends and customer buying behavior.
- Presented visual insights and provided marketing recommendations to boost sales growth.

SKILLS

- Programming** Python, MySQL
- Data Skills** Data Analysis, Data Manipulation, Data Visualization, Excel, Power BI, Outlook, Numbers
- Soft Skills** Analytical Thinking & Decision-Making, Communication (Written & Verbal), Cognitive & Logical Reasoning, Multitasking & Time Management, Order Management
- Compliance Skills** Scam/Phishing Identification, Compliance Auditing
- Language Proficiency** English (Fluent), Kannada(Fluent)