ABINAYA M

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SUMMARY

Data Analyst (Fresher) with hands-on experience in data cleaning, exploratory data analysis (EDA), and visualization using Python and SQL. Skilled in Pandas, NumPy, Matplotlib, and Power BI to analyze datasets and generate actionable business insights. Passionate about transforming raw data into meaningful insights to support decision-making.

SKILLS

Programming & Querying: Python, SQL

Data Analysis: Data Cleaning, Exploratory Data Analysis (EDA), Data Wrangling

Libraries & Tools: Pandas, NumPy

Data Visualization: Matplotlib, Power BI

Databases: MySQL

Reporting & Insights: KPI Analysis, Business Insights, Dashboard Creation

Tools: Jupyter Notebook, VS Code, Git, GitHub

TECHNICAL PROJECTS

1. Weather Prediction Using AI

• Analyzed historical weather data using Python to identify trends and patterns

• Performed data preprocessing, feature engineering, and exploratory analysis

• Visualized temperature, rainfall, and seasonal trends using Matplotlib

• Evaluated machine learning models to support data-driven predictions

2. Sales Performance & Profit Analysis

• Analyzed retail sales data using Python (Pandas, NumPy) to evaluate sales and profit trends

• Performed data cleaning and exploratory data analysis (EDA) to identify patterns and anomalies

• Analyzed sales performance by category, sub-category, region, and time period

• Built interactive Power BI dashboards with KPIs such as Total Sales, Profit, and Profit Margin

INTERNSHIP EXPERIENCE

Python Full-Stack Developer Intern

AgileInfo Techytern Solutions LLP, Thycaud, Trivandrum. (Sept 2025 – Nov 2025)

• Cleaned and preprocessed datasets using Python for analysis and reporting

• Performed exploratory data analysis (EDA) to uncover trends and insights

• Built visualizations and summary reports to support decision-making

• Worked with real-world datasets and followed basic data analysis workflows

EDUCATION

Bachelor of Engineering (B.E) - Electronics and Communication Engineering

Arunachala College of Engineering for Women (2021 – 2025)   CGPA: 8.3

LANGUAGES

English – Professional | Tamil – Native | Malayalam – Conversational