SANTHOSH R

Entry Level Business Analyst

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EXECUTIVE SUMMARY

A final-year computer science student with a strong interest in **business analysis** and working with data to help companies make better decisions. Experience in using tools like **Excel, Power BI, SQL, and Python** for data analysis. Familiar with business analysis techniques like **requirement gathering, SWOT analysis, and reporting**. Currently Looking for a Business Analyst Internship where I can apply my skills, learn more, and contribute to the company's success. I also hope to secure **a pre-placement offer (PPO)** based on my performance during the internship.

INTERNSHIP EXPERIENCE

DATA SCIENCE INTERN (ONLINE)

Code Alpha – April 2023 to May 2023

Worked on projects, such as **Stock Price Prediction and Insurance Cost Prediction,** where I applied data science techniques to solve real-world problems.

Responsibilities:

• Gathered project requirements, created documentation, and managed the **ETL (Extract, Transform, Load)** process, including data cleaning and transformation, to prepare datasets for analysis and model building.

• Utilized **data visualization tools** (e.g., Power BI, Matplotlib), built **predictive models** using machine learning techniques and prepared detailed reports to present insights and assist decision-making.

TOOLS & TECHNOLOGIES

• **Programming Languages**	**:** Python and SQL
• **Libraries**	**:** Pandas, Matplotlib, and Scikit-Learn
• **Tools**	**:** MS Office (Excel, Word, PPT), Power BI, Tableau, Git and GitHub
• **Technologies**	**:** Machine Learning for predictive model building, AWS basics (S3, EC2), and Agile
• **Business Analysis**	**:** Data analysis, requirements gathering, data visualization, SWOT and reporting

PROJECTS

Pizza Sales Analysis | Data Analyst - (**Personal Project**)
Tools: Python (Pandas), SQL, Power BI

• Collected the business requirements and documented key business problems for analysis.

• Cleaned and analyzed one year of pizza sales data, calculating **KPIs** (total revenue, orders, average order value) using **SQL and Pandas.**

• Built **Power BI** dashboards to visualize sales trends, and performance by pizza size, and category.

• Delivered actionable insights, increasing profitability by recommending a focus on large-size pizzas and classic categories.

Spotify Data Pipeline: Track Metadata Extraction and Storage | Data Engineering - (Personal Project)
Tools: Python (Spotipy, Pandas, Matplotlib) and MySQL

• Extracted and cleaned track metadata (track name, artist, album, popularity) from Spotify API using Spotipy.

• Processed and stored data in Pandas DataFrames, saving results in CSV files for analysis.

• Visualized track popularity and duration trends using Matplotlib for insights.

• Automated data extraction and storage of multiple tracks into MySQL database for further SQL-based analytics.

Electric Vehicle Data Analysis | Data Analyst - (Personal Project)
Tools: Tableau, SQL, Python

• Collected and analyzed electric vehicle data by model, make, state, and year of registration to track adoption trends and charging infrastructure development.

• Cleaned and processed large datasets using SQL and Python to ensure data accuracy and consistency.

• Built interactive Tableau dashboards to visualize EV sales trends, market share, vehicle range, and Clean Alternative Fuel Vehicle (CAFV) eligibility.

• Delivered actionable insights on EV growth, highlighting Tesla's market dominance and regional adoption disparities, aiding stakeholders in tracking clean energy vehicle adoption.

COURSES & CERTIFICATES

Database For Developers – **Oracle**
Data Science – **Scalar**
Cloud Architect- **Amazon web services**

QUALIFICATION

Bachelor of Engineering in Computer Science – GPA: 8.1
Dhanalakshmi Srinivasan Engineering College (Autonomous) – Perambalur
October 2021 – May 2025