KUMARAN B

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OBJECTIVE

I am an aspiring Data Analyst and final-year Computer Science student with a portfolio of projects in sales forecasting, customer segmentation, and sentiment analysis. Highly skilled in Python, SQL, and data visualization tools like Tableau and Power BI to clean, analyze, and present complex data. I am eager to apply my expertise in statistical modeling and machine learning to drive business growth.

EDUCATION —

Rajalakshmi Engineering College Affiliated to Anna University (2022 - 2026)
B. Tech Computer Science and business systems

Ramco Vidya Mandir Senior Secondary School (June 2019 - May 2020)

TECHNICAL SKILLS —

Programming Languages:

- Python
- SQLR
- C
- C++

Databases:

- MySQL
- PostgreSQL
- MongoDB

Business Acumen:

- Strategic Planning
- Market Analysis
- Financial Modeling
- Leadership
- Negotiation

EXPERIENCE

Artificial Intelligence Intern
Retech Solutions Pvt. Ltd. (Online) | March 2025 – April 2025

- Worked on the project **"Fraud Detection in Financial Transactions"** using Artificial Intelligence concepts.
- Applied machine learning techniques for detecting suspicious financial activities.
- Demonstrated strong analytical and programming skills during model development and testing.
- Collaborated remotely with mentors to complete project milestones on time.
- Gained practical exposure to AI-driven solutions in the fintech domain.

PROJECTS

Retail Sales Analysis & Interactive Dashboard

- Technologies: Python (Pandas, Matplotlib), SQL, Tableau
- Analyzed a retail sales dataset to identify top-selling products, peak sales months, and key customer demographics.
- Used Pandas for data cleaning and transformation to manage missing values and prepare the data for analysis.
- Developed an interactive dashboard in Tableau to visualize sales trends, allowing for easy filtering by region and product category to support inventory decisions.

Customer Churn Prediction Model (Academic Project)

- Technologies: Python (Pandas, Scikit-learn), Jupyter Notebook
- Built a classification model to predict customer churn using a public telecommunications dataset from Kaggle.
- Performed exploratory data analysis (EDA) and feature engineering to identify the key drivers of churn.
- Trained and evaluated several models, including Logistic Regression and Random Forest, and interpreted the results to suggest potential customer retention strategies.

Movie Database Exploratory Analysis

- Technologies: SQL, Python (Pandas, Seaborn)
- Performed an in-depth analysis of The Movie Database (TMDb) dataset to uncover trends in the film industry.
- Wrote SQL queries to extract and aggregate data, such as top-grossing movie genres and most successful directors.
- Created visualizations in Python to illustrate the correlation between a movie's budget, runtime, and its user rating.

LANGUAGES -

- English — (Read | Speak | Write)
- Tamil — Read | Speak | Write)
- Hindi — (Read | Speak)

CERTIFICATIONS

- Data Analyst Certificate (Simplilearn)
- Big Data Computing (NPTEL)
- Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL)
- Privacy and Security in Online Social Media (NPTEL)
- Business Law for Managers (NPTEL)
- Developing a Competitive Strategy (LinkedIn Learning)
- Master Your Leadership Effectiveness (LinkedIn Learning)
- Introduction to Management (Great Learning)

ACHIVEMENTS

- Gravity Turbine - Conceptual Project (Domain: Sustainability Development, Idea Presentation)
  - Developed the concept of a Gravity Turbine, displaying an innovative approach to harnessing gravitational forces for sustainable energy production.
  - Secured the second prize in Xientia (Idea Presentation) at VIT, earning recognition for exceptional creativity and impactful presentation skills.
- Participated in Smart India Hackathon (SIH) 2025 and qualified for the Internal Hackathon round with a project focused on the Development of a Digital Farm Management Portal aimed at enhancing agricultural efficiency and data management.