Vedururu Srinivasa Rao

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EDUCATION

ST.Martins Engineering College   *Hyderabad, India*
Bachelor of Engineering in Artificial Intelligence and Data Science   2023 – 2027

Narayana Junior College   *Hyderabad, India*
Intermediate in MPC   2021 – 2023

Newton Techno High School   *Hyderabad, India*
SSC, Board of Secondary Education   Completed in 2021

SKILLS

Technical: Python , SQL , Data Processing , Machine Learning , Data Analysis , Data Visualization
Soft Skills: Communication , Problem Solving , Time Management , Adaptability
Tools: Power BI , Pandas , PostgreSQL , Numpy , Scikit Learn , Streamlit , Dbeaver , Matplotlib

PROJECTS

Movie Recommendation System

- Built a personalized movie recommendation engine using content-based filtering.
- Used Python, Pandas, Scikit-learn (cosine similarity), and Streamlit for front-end interface.
- Built a movie recommendation system that suggests movies based on user preferences and movie meta data.
- Live Demo

SQL - Sales Analysis

- Analyzed sales data using SQL queries to identify Customer Segmentation , Cohort Analysis and Customer Retention.
- SQL (postgreSQL), DBeaver, PGadmin
- Performed customer segmentation, cohort analysis, and retention analysis using SQL to uncover key sales and behavioral insights.

Power-BI Dashboard

- Built a Power BI dashboard to analyze and visualize SuperStore sales data, uncovering trends, segment performance, and regional insights.
- Power BI, DAX, and time series forecasting techniques.
- Enabled data-driven decision-making with actionable insights and a 15-day sales forecast for strategic planning.