VEMULA PREM CHAND

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Career Objective

A Passionate graduate, looking to acquire a challenging position as a Data scientist where I can utilize my analytical skills, programming knowledge and abilities to extract meaningful insights from Data. Eager to apply my knowledge in a collaborative environment that encourages learning and growth.

Education

St. Martin's Engineering College (SMEC), Hyderabad -Telangana.   **2024**
B-Tech - Electronics and Communication Engineering |
CGPA/Percentage: 6.89

Sri Gayatri Junior College, Hyderabad-Telangana.   **2020**
Telangana State Board of Intermediate Education (MPC) |
CGPA/Percentage: 92.7

Vignan Sudha Talent School, Hyderabad-Telangana.   **2018**
Board Of Secondary Education Telangana (SSC) |
CGPA/Percentage: 9.7

Technical Skills and Soft Skills

Programming Language: Core Python, Python Libraries
Data Science Tools: Machine Learning Algorithm's, NLP (Natural Language Processing).
Data Base: My SQL.
Visualization Tools: Power BI, Microsoft Excel.
Development Tools: power point, Visual Studio, Google collab.
Soft Skills: Leadership, Teamwork, Effective communication.

Project Portfolio

Mobile Phone Price Range Prediction Using Machine Learning Algorithms
Technologies Used: Python, Machine Learning (Classification models), Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.
- Developed a machine learning model to predict mobile phone prices based on features such as RAM, storage, battery life, processor, and display quality.
- Conducted exploratory data analysis (EDA) to identify key factors affecting phone pricing.
- Implemented and compared multiple ML algorithms (Linear Regression, Decision Trees, Random Forest, SVM) to achieve the best predictive accuracy.

E-commerce Sales Across India Using Power BI
Technologies Used: Power BI.
- Developed an interactive Power BI dashboard to analyse e-commerce sales performance across various regions in India.

- Extracted, transformed, and loaded sales data from multiple sources to ensure data accuracy and consistency.
- Created custom visuals to highlight trends in category-wise sales, monthly growth across Tier 1, 2, and 3 cities.

Sales Profit & Customer Metrics Using Advanced Excel
Technologies Used: Advanced Excel.
- Built interactive dashboards using ADVANCE EXCEL to visualize customer satisfaction, average order value, and regional sales performance.
- Designed and maintained dynamic dashboards to track sales performance, profit margins, and customer acquisition trends using pivot tables and slicers.

Sentimental analysis for financial news Using NLP (Natural Language Processing)
Technologies Used: Python, Machine Learning (Classification models), Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, NLP (Natural Language Processing).
- Developed a sentiment analysis model for financial news articles using Natural Language Processing (NLP) to classify text into positive, negative, or neutral categories.
- Applied advanced text processing techniques including tokenization, stop-word removal, lemmatization, and TF-IDF vectorization to prepare text data for analysis.
- Implemented and compared multiple machine Learning models, including Logistic Regression, Support Vector Machines (SVM), Random Forest.

Achievements & Activities

- Student Coordinator, Digital India Awareness Program Played a key role in organizing and promoting digital literacy initiatives as part of the national Digital India campaign. 2023 – 2024
- Research Presenter, 5th International Conference on Smart Modern Era Computing (ICSMEC) December 2023
  Presented a paper on "Autonomous Farming Robot Using Sensors and IoT Devices".
- Research Presenter, 2nd International Conference on Computational Intelligence and Smart Applications for Sustainable Development (ICCIASH) July 2021 Presented
  a paper on "Artificial Intelligence and Its Applications".
- Hackathon Participant, J.P. Morgan Hackathon
  Selected to participate in a prestigious hackathon, where I led the development of a sentiment analysis model focused on financial news using Natural Language Processing (NLP).

Declaration

I hereby certify that the above given data is true and correct to the best of my knowledge and belief.

Place: Hyderabad   V. Prem Chand