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PROFESSIONAL SUMMARY

Dynamic and results-driven recent MBA graduate with a strong foundation in data science and data analytics.

EDUCATION

Badruka College of PG Center, Hyderabad
Master of Business Administration (MBA) 7.8 CGPA
University for Women, Koti, Hyderabad
Bachelor of Science (MPC) 8.2 CGPA

SKILLS

- Mathematics for ML & DL: Algebra, Probability, Statistics, Calculus, Matrix.
- Programming Languages: Python, SQL
- Technical Skills: AWS, Flask, Generative AI, PowerBI, Python (NumPy, Pandas, sklearn, Seaborn, Matplotlib)
- Advanced Excel: Excel Formulae, VLookup and HLookup, Graphs, Pivot tables, MS Office (Word, PowerPoint)
- Data Preprocessing: Data Cleaning, Feature Engineering, Feature Scaling, Categorical Variable Encoding.
- Machine Learning: Supervised and Unsupervised Learning Techniques - KNN, Logistic & Linear Regression
- Deep Learning: Neural Network, CNN, RNN, LSTM
- Platforms: Anaconda, Jupyter Notebook.
- Functional Skills: Data Analysis, Business Intelligence, Data Management, Business Analysis, Machine Learning
- Interpersonal Skills: Critical thinking, time management, problem-solving, leadership, detail-oriented, self-starter

INTERNSHIPS

ML Intern at SmartBridge

- Developed machine learning models for predictive analytics and classification tasks.
- Worked on real-time data preprocessing, cleaning, and feature engineering for model optimization.
- Integrated AWS for cloud-based model deployment and management.
- Leveraged Flask for developing a REST API for ML model predictions.
- Collaborated with cross-functional teams to implement AI-based solutions.

Data Science Internship at TEKS ACADEMY

- Created visualizations and EDA reports to present analysis and insights.
- Involved in Data Preprocessing Techniques for making the data useful.
- Developed regression and classification algorithms using sklearn libraries.
- Built neural networks using TensorFlow for Deep Learning projects.

PROJECTS

(Existing Projects Section Remains Unchanged)

ACHIEVEMENTS

- Certificate of Completion of Data Science Training at Teks Academy, Dilsukhnagar.
- Letter of recommendation by Tareeqa Global Solutions Pvt. Ltd. in Human Resource Training.

PROJECTS

Apple Sales Analysis

- **Description:**Conducted customer segmentation analysis on an e-commerce dataset to identify distinct customer groups.
- **Tools Used:**Python (Pandas, Scikit-learn)
- **Key Achievements:** Identified target customer segments for tailored marketing strategies.

EMPLOYEE DATA PREDICTION BY USING ENSEMBLE METHOD

- **Description:** Build a data warehouse that stored and organized employees data with data processing, EDA report and machine learning algorithms.
- **Tools Used:** Python (NumPy, Pandas, sklearn, Seaborn, Matplotlib)
- **Key Achievements:** improved data accuracy by 91% with ensemble booster.

STORE SALES PREDICTION BY USING REGRESSION

- **Description:** Developed a regression analysis model to predict store sales based on historical data, aiming to assist in inventory management and sales forecasting.
- **Tools Used:** Python, Scikit-learn, Pandas, NumPy, Matplotlib
- **Key Achievements:** Provided actionable insights to store managers for decision-making to increase sales.

CUSTOMER CHURN RATE PREDICTION BY USING ANN

- **Description:** Developed an artificial neural network model to predict customer churn aiming to identify customers at risk of leaving the service of Kaggle dataset
- **Tools Used:** Python, TensorFlow, Keras, Pandas, NumPy, Matplotlib, Seaborn
- **Key Achievements:** Identified key features contributing to customer churn to make future predictions.

GOOGLE STOCK FORECASTING BY USING LSTM

- **Description:** Implemented a Long Short-Term Memory (LSTM) neural network model to forecast the stock price of Google based on historical data.Demonstrated expertise in deep learning, time series analysis, and financial forecasting.
- **Tools Used:** Python, TensorFlow, Keras, Pandas, NumPy, Matplotlib
- **Key Achievements:**Developed a time series forecasting model using LSTM architecture to capture long-term dependencies in the stock price data.Evaluated the model's performance using techniques such as train-test split and walk-forward validation.Provided actionable insights to investors for decision-making, enabling better risk management and investment strategies.

Sales Analysis Dashboard

- **Description:** Created a dashboard in Tableau to visualize sales performance metrics and identify trends over time.
- **Tools Used:** PowerBI, Excel
- **Key Achievements:** Provided actionable insights into sales data, contributing to improved decision-making processes.

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