Sandhya kolikonda
Backend Developer

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CAREER OBJECTIVE

To associate myself with an organization where there is an opportunity to expose and update my knowledge and strive hard for organization and also for my personal growth.

SKILLS

Programming languages: Python,typescript
Database: MySQL, MongoDB.
Frontend Technologies: HTML, CSS, JavaScript.
FrameWorks: Numpy,pandas,matplotlib.
Platforms:Visual Studio Code,PyCharm,Jupyter Notebook.
Tools: My Sql ,Excel ,PowerPoint ,Ms_office
Soft Skills: Leadership Qualities, Teamwork, Logical thinking, problem solving,critical thinking,

INTERNSHIP

DATA SCIENCE INTERN

- Cleaned and preprocessed a customer transcation dataset of 50,000+records,reducing data inconsistencies by25% through outlier detection and imputation,significantly improving the reliability of subsequent customer segmentation analysis.
- Performed exploratory data analysis(EDA)on a website clickstream dataset, identifying 7keyuser behaviour patterns.
- Developed and implemented data transformation pipelines using python(pandas,Numpy) to automate the feature engineering process for a product recommendation system,resulting in a 30%reduction in data processing time.

PROJECTS

EDA ON GOOGLE PLAYSTORE

- Performed Exploratory Data Analysis(EDA)on the google play store dataset to analyze app trends,user ratings,and category performance,providing actionable insights for developers and marketers.
- Utilized pandas for data Manipulation,cleaning,and preprocessing,including handling missing values,removing duplicates,and correcting data inconsistencies to ensure the data quality..
- Explored relationships betwwen app,size,price,and user ratings to detemine factors influencing app sucees and user satisfaction.

IPL DATASET ANALYSIS USING MYSQL

- Analysed IPL match data using MYSQL to extract insights on team performance ,player status and match outcomes.
- Cleaned and Preprocessed the data set,ensuring data consistency and optimizing database tables foe efficient querying.
- Identified topperforming teams and players,providing actionable insights for stakeholders through clear visualizations and reports.

STUDENT INFORMATION SYSTEM USING PYTHON PYCHARM

 Designed and implemented a CRUD (Create, Read, Update, Delete) application to manage   student data, enabling seamless data entry, retrieval, modification, and deletion for academic records.

EDUCATIONAL QUALIFICATIONS

Narasaraopeta Engineering College [B.Tech]	2020-2024
Electronics and communication engineering[ECE]	CGPA[8.9]

CERTIFICATIONS AND ACHIVEMENTS

Certified by NPTEL in IOT, PYTHON

Certified by Microsoft Azure-900,PL-900 and Data analysis with python(IBM)