ARYAN GAUTAM

DATA ANALYST

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PROFILE SUMMARY

As a Data analyst , I have a passion for extracting insights from complex datasets to drive informed business decisions. Proficient in leveraging advanced analytical techniques, statistical methods, and data visualization tools to transform raw data into actionable intelligence. Experienced in leveraging SQL for data manipulation and optimization successfully, while utilizing Pandas and numpy for implementing EDA processes. Proficient in Machine Learning algorithms for predictive modeling, pattern recognition.

TECHNICAL SKILL

SQL	Machine Learning (ML)
Python	Power BI
Tableau	MS Excel

PROFESSIONAL SKILL

Critical Thinking	Communication
Problem-Solving	Attention to Detail
Continuous Learning	

EDUCATION

Bachelor of Technology in Electronics & Communication
University-Rajasthan Technical University (RTU) 2019 - 2023
Swami Keshvanand Institute of Technology (SKIT), Jaipur
CGPA-7.8

PROJECTS

Used Cars Price prediction

- Developed a machine learning model, to predict car price based on the regressor algorithm.
- Utilized a sample learning dataset to train the model, incorporating various car attributes such as mileage, year, make, model, and features. Implemented feature engineering and preprocessing techniques to prepare the data for modeling.
- Evaluated model performance using metrics such as mean squared error (MSE) and R-squared to ensure accuracy and reliability of predictions.
- Conducting hyperparameter tuning to find the optimal values for parameters such as the number of trees, maximum depth, minimum samples split, and minimum samples leaf.

Live Emotion detector

- Data Collection by means of data mining by image of facial images labeled with different emotions
- The project commenced with rigorous preprocessing techniques to optimize the dataset's quality, including resizing images, converting to grayscale, and normalizing pixel values.
- Utilized OpenCV for webcam access and video processing to capture live video frames.
- Integrated the trained deep learning model to predict emotions from live video frames in real-time.

CERTIFICATIONS

- Post graduation in data analytics and data scientist (IMARTICUS ,Jaipur)
- Databases and SQL for Data Science with Python-Coursera
- Introduction to python (Internshala).