Dhananjay Paturkar

Pune,Maharashtra
+91-9075076647 paturkardhananjay4321@gmail.com DhananjayPaturkar Dhananjay9075

TECHNICAL SKILLS

Languages : Python,SQL.
Database Management : My SQL,Oracle
Tools and Libraries : Pandas,Numpy,Scipy,Scikit-learn,Tensorflow
Visualization Tools : Matplotlib,Seaborn,PowerBI
IDEs : Jupyter Notebook, PyCharm, VS-Code
Technologies/Frameworks: GitHub,Git

TRAINING/INTERNSHIP

- Data Scientist Intern -RSL Solutions (Pune) **Apr 2025 – Aug 2025**

AI Interviewer System Portal :– Designed an end-to-end automated interview system using Django with Gemini API for JD/Resume parsing question generation, Whisper for speech-to-text, Google Cloud TTS for text-to-speech, PyAnnote (speaker diarization) for voice activity speaker recognition, YOLO/Ultralytics + OpenCV + Mediapipe for face verification identity checks, FFmpeg/SoundDevice for audio-video processing, and TextBlob/NLP for sentiment analysis.Uses Whisper(medium) model for TTS. Leveraged Torch, NumPy,Pandas and SciPy for real-time processing, integrated with a scalable backend.

- Data Science Trainee -3RI Technologies Pvt.Ltd (Pune) **Aug 2024 – Jan 2025**

-Aspiring Data Science Professional with comprehensive technical training from 3RI Technologies.
-Proficient in Python, Machine Learning. Data Visualization, SQL, and Statistical Analysis.
-Strong understanding of Supervised and Unsupervised Learning Algorithms.
-Excellent team collaboration and commitment to continuous learning in the dynamic field of Data Science.

Car Price Prediction **Nov 2024**

- The project starts by loading an Car dataset, checking for missing values, duplicates, and outliers, then removing the outliers to clean the data.
- Performance Visualization: Compared actual vs. predicted values through scatter plots to evaluate model accuracy and fit.
- Applied Machine Learning Models: Utilized Linear Regression, Lasso Regression, and Random Forest for predicting car prices.
- valuation Metrics:- Metrics like Mean Absolute Error (MAE), Mean Squared Error (MSE), Root Mean Squared Error (RMSE), and R^2 Score were used to evaluate model performance.
- **Technologies used**- Python, Data Analysis, EDA, Libraries, Statistics, Machine Learning model.Ideveloped robust predictive models, prediction and evaluated their performance in terms of their accuracy.

EDUCATION

R. C. Patel Institute Of Technology (Autonomous) **2021 – 2024**
Bachelor Of technology In Mechanical Engineering - ***(CGPA 6.54)*** *Shirpur*

R. C. Patel Institute Of Technology (Autonomous) **2022 – 2024**
Minor In Computer Engineering *Shirpur*

CERTIFICATIONS

- Advanced Certification in Data Science and AI- 3RI Technologies
- SQL - HackerRank
- C and C++ Programming Language Course - Nexttech InfoSystem
- 10 Days Data Science Workshop-3RI Tech
- Deloitte - Data Analytics Job Simulation