Patel Dhruv Nishesh

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SUMMARY

I am Patel Dhruv Nishesh, a dedicated and enthusiastic individual with a keen interest in Data Science, Data Analysis, and Machine Learning. I am eager to contribute my analytical skills and passion for uncovering actionable insights to a dynamic team as a data science intern. With a strong foundation in data manipulation and a drive to learn and innovate, I am excited to apply my knowledge to real-world projects and contribute to the company's success.

EXPERIENCE

Machine Learning Engineer

Technowire Data Science Limited **January 2024 -March 2024, Ahmedabad , Gujarat**

- During my tenure at TechnoWire Data Science Limited, I contributed significantly to several projects focused on data analysis and machine learning applications.
- My responsibilities included data preprocessing, feature engineering, model development, and evaluation.
- I collaborated with cross-functional teams to interpret findings and generate actionable insights for clients.
- Additionally, I actively participated in refining data science methodologies and exploring emerging technologies to enhance project efficiency and effectiveness.

SKILLS

Major skills : Python, Tableau, SQL, PostGRE SQL

Python libraries known : Numpy, Pandas, Seaborn, Matplotlib, Sci-kit Learn

Front end skills known : HTML, CSS, Bootstrap

Soft skills : Hardworking, Ambitious, Intellectually Curious, Quick Learner, Creative Thinker, Inquisitive Mind

PROJECTS

Customer Churn Prediction

https://customer-churn-prediction-hbdj2zr4wzfemujd7rbbny.streamlit.app/

- I developed and implemented a customer churn prediction system utilizing machine learning techniques, leveraging Python libraries such as scikit-learn and pandas.
- This project involved data preprocessing, model training, and evaluation, culminating in a user-friendly interface built with Streamlit for seamless deployment.
- The UI provides intuitive insights into potential churn factors, aiding in proactive customer retention strategies.
- This project showcases my proficiency in both machine learning and frontend development for practical business applications

MULTIPLE DISEASE PREDICTION SYSTEM

https://github.com/DhruvPatel1409/Multiple-Disease-Prediction-System

- I led the development of a Machine Learning project, "Multiple Disease Prediction System," achieving an 85% accuracy rate. By harnessing data-driven insights, we created a predictive model that effectively forecasts various diseases, showcasing my expertise in data analysis and predictive modeling.

House Price Prediciton

https://house-price-prediction-rdk9lx53wjssvsnyctszat.streamlit.app/

- I engineered a House Price Prediction System utilizing machine learning techniques, coupled with an engaging UI developed with Streamlit.
- This system harnesses data on diverse housing features to forecast property prices with an impressive accuracy rate.
- By seamlessly integrating advanced analytics and user-friendly design, it empowers users to make informed decisions in real estate predictions.
- I deployed the House Price Prediction System on Streamlit, ensuring seamless accessibility and user interaction, thereby democratizing access to accurate property valuation tools.

COVID-19 DATA ANALYSIS

https://github.com/DhruvPatel1409/covid19-analysis

- I led the development of a comprehensive Covid-19 analysis project utilizing various Python libraries.
- By harnessing data from reliable sources, including real-time updates, the project offers deep insights into pandemic trends, transmission rates, and regional impact.
- Leveraging libraries such as Pandas, Matplotlib, and Plotly, we crafted dynamic visualizations and statistical models to facilitate informed decision-making and public health strategies.

EDUCATION

Bachelor Of Engineering

Gujarat Technological University , Gujarat • Gujarat , India • October 2024 • 8.81 CGPA

CERTIFICATIONS

Machine Learning using Python

Udemy • 2024

Python for Data Science and Machine Learning

Udemy • 2023

SQL/PostGRESQL Bootcamp

Udemy • 2023

Machine Learning Basics - Regression Analysis

Udemy • 2023

Streamlit Bootcamp