PRANAV P T

Python - ML - Data Science Engineer

pranavpaleri88@gmail.com | GitHub | LinkedIn | +91 6360040212

OBJECTIVE

Data Science Professional with hands-on experience in creating prediction models using machine learning technologies. Aspiring to utilize self-learned skills and knowledge in a challenging and dynamic environment. Capable of working independently or collaboratively, delivering high-quality results within deadlines.

PROJECTS

Cricket Score Predictor

Website
GitHub

- Developed a cricket score predictor using machine learning techniques, data visualization, and web technologies.
- Designed and implemented an interactive dashboard using Power BI.
- Implemented models using machine regression models such as SVM, Random Forest Regressor and Gradient Booster.
- Performed data cleaning, preprocessing, and feature engineering to enhance model accuracy
- Developed the backend using Flask, enabling seamless communication between frontend and machine learning components.
- Implemented responsive user interfaces using
- Technologies used: Machine Learning,Python, Power BI, Numpy, Pandas, Flask, HTML, CSS, and JavaScript

Home Price Prediction

Website

GitHub

- Developed a Banglore Home Price prediction system using a combination of machine learning algorithms, web technologies.
- Employed Support Vector Machine (SVM), Random Forest, and Gradient Boosting regression models to predict home prices based on relevant features.
- Developed insightful visualizations using Matplotlib, offering valuable insights into property market trends through line plots, scatter plots, and histograms.
- Technologies used: Machine Learning, Python, Numpy, Pandas, Matplotlib, Flask, HTML, CSS, JavaScript

Chatboat - Website

GitHub

- This chatbot is created using the open-source Llama 2 LLM model from Meta.
- Used Llama2-7B model
- Deployed the project with Python and Streamlit.

MINI PROJECTS

Player Performance Analysis Dashboard

Power Bi Dashboard – Website

- The goal here is to analyze cricket players batting performance based on their previous statistics.
- Created pivot table, filters, various chart to analyze the performance.
- Used DAX functions to create calculated columns.

Sales Analysis Dashboard

Power Bi Dashboard – GitHub

- Created a dashboard to analyze the sales of the Global Super store.
- Performed data cleaning.
- Created new measurements using DAX functions, filters and various plots.

EXPERTISE

Programming Languages

- Python, Django, Flask, JavaScript, HTML, CSS

Database

- MySQL, PostgreSQL

Libraries

- Pandas, Numpy, Scikit-Learn, OpenCV

Software/Tools

- Power BI, Tableau, Jupyter, Streamlit, Excel, Hadoop, Spark

Other Skills

- ML, NLP, Data Analysis, Data Visualization, Deep Learning, Data Structures, Statistics, Big Data

EDUCATION

Data Science and Machine Learning

Brototype
Thiruvananthapuram, Kerala (2022 - Present)

MSc. Physics

St.Philomena's College Mysore
Mysore,Karnataka(2017 - 2019)
Percentage – 82.2%