Pravesh Singh

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PROFILE

A Quick learning individual looking for a potential chance to work in ML Space using logical and purposeful abilities to assist the organization with accomplishing the business objectives with vision, mission and values. ML engineer with information on conveying important bits of knowledge through information expert and high-level information driven techniques.

EDUCATION

GRADUATION | Bachelor of Computer Applications **| GITAM**   **AUG 2021 – APR 2024**
12th | Science Stream **| KENDRIYA VIDYALAYA 1 (NSB VISAKHAPATNAM)**   **SEPT 2020 – OCT 2021**

PROJECTS

SUICIDAL TENDENCY TEXT CLASSIFICATION | MACHINE LEARNING   **MAR 2024**

- Applied Support Vector Classification to predict suicidal tendencies in the text data.
- Conducted Exploratory Data Analysis (EDA) to understand data distributions, manage missing values, and remove outliers.
- Implemented feature engineering techniques to optimize data representation.
- Achieved a 94% accuracy rate, demonstrating the efficacy of the developed model in identifying potential suicidal behavior.
- Created an application using Streamlit and deployed it on the Streamlit cloud.

BANGALORE HOUSE PRICE PREDICTION | PREDICTION MODEL   **MAR 2024**

- Developed this project for the Kaggle house price prediction competition.
- Conducted Exploratory Data Analysis (EDA) to understand data distributions and relationships.
- Employed Linear Regression to predict house prices based on the dataset from Kaggle.
- Achieved an outstanding accuracy rate of 86%, showcasing the effectiveness of the model.
- Created an application using Streamlit and deployed it on the Streamlit cloud.

TITANIC SURVIVAL PREDICTION| MACHINE LEARNING   **APR 2024**

- Developed this project for the Kaggle Titanic survival prediction competition.
- Conducted extensive Exploratory Data Analysis (EDA) to uncover insights and identify data patterns.
- Utilized the Random Forest Algorithm for efficient prediction.
- Achieved an accuracy rate of 89%, ensuring reliable identification of fraudulent transactions.
- Created an application using Streamlit and deployed it on the Streamlit cloud

TECHNICAL SKILLS

· Python Programming, SQL, Data Visualization, Data Analytics, Streamlit, HTML, Office Productivity Tools

ACHIEVEMENTS

· State-level Kabaddi Player
· District-level 1st rank in Science Olympiad

LICENSES & CERTIFICATIONS

· Introduction to Python Programming
· Introduction to Databases
· Office Productivity Tools

ACTIVITIES & INTERESTS

E-Sports, Photography, Travelling & Painting