House Price Prediction Flask Application

Overview

This repository contains a Machine Learning application built using Python and Flask for predicting house prices. The application takes input as house area and predicts the corresponding house price. This data is stored in a SQL server for future reference.

Features

- User-friendly interface for interacting with the house price prediction model.
- Input house area to receive real-time predictions.
- Data storage in SQL server with three columns: id, area, and predicted_price.
- Users can view the model's prediction output by clicking the submit button.

Getting Started

Clone the Repository

```
git clone https://github.com/vijaytakbhate2002/vijaytakbhate-house-price-prediction-flask-application-f
cd vijaytakbhate-house-price-prediction-flask-application-first_app
```

Build the Docker Image

To build the Docker image for the application, run:

```
docker build -t ml_app:first .
```

Run the Docker Container

Run the Docker container with:

```
docker run -d -p 8000:8000 ml_app:first
```

Access the Application

Visit `http://localhost:8000` in your web browser.

Important Note

You should run the GitHub repository to create the Docker image before executing the Docker Hub instructions.

Usage

- Enter the house area in the input field and click the submit button to see the predicted house price.

Contributing

Contributions are welcome! Fork the repository and submit a pull request.

License

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Acknowledgements

- I used a SQL server for storing information in three columns: id, area, and predicted_price. ```