

# Vehicle Price Checker

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The Vehicle Price Checker is a Machine Learning-powered application designed to predict the prices of both bikes and cars. The user-friendly interface allows users to input various parameters and obtain a predicted price. The application is built using Streamlit for ease of use.

## Usage

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### Select Vehicle Type

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Choose between bikes and cars to predict the price for the respective category.

### Input Parameters

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#### For Bikes:

- Brand
- Name
- City
- Owner Type

#### For Cars:

- Brand
- Name

### Result

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View the predicted price based on the provided parameters.

## Folder Structure

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- `app.py`: Main Streamlit application file.
- `bike_brands`, `bike_names`, `bike_city`, `bike_owner`: Files containing bike-related data.
- `bike_price_model`: Machine Learning model file for predicting bike prices.
- `car_brands`, `car_names`: Files containing car-related data.
- `car_price_model`: Machine Learning model file for predicting car prices.
- `requirements.txt`: List of project dependencies.

## Getting Started

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1. Clone the repository:

```
bash git clone https://github.com/vijaytakbhate2002/vehicle-price-checker-.git cd vehicle-price-checker-
```

1. Install dependencies:

```
bash pip install -r requirements.txt
```

1. Run the application:

```
bash streamlit run app.py
```

## Contributing

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We welcome contributions! Please read our [Contributing Guidelines](#) to get started.