Predicting Used Car Prices with a Wink

1 Introduction

Welcome to 'Predicting Used Car Prices with a Wink'. Today, we'll explore the fascinating world of **predicting used car prices** using innovative techniques. Get ready for an exciting journey into the future of the automotive market!

The Importance of Used Car Price Prediction

Predicting used car prices is crucial for both buyers and sellers in the automotive market. Accurate price prediction helps buyers make informed decisions, while sellers can set competitive prices. This slide will discuss the significance of predicting used car prices and its impact on the overall market dynamics.

Understanding the Market

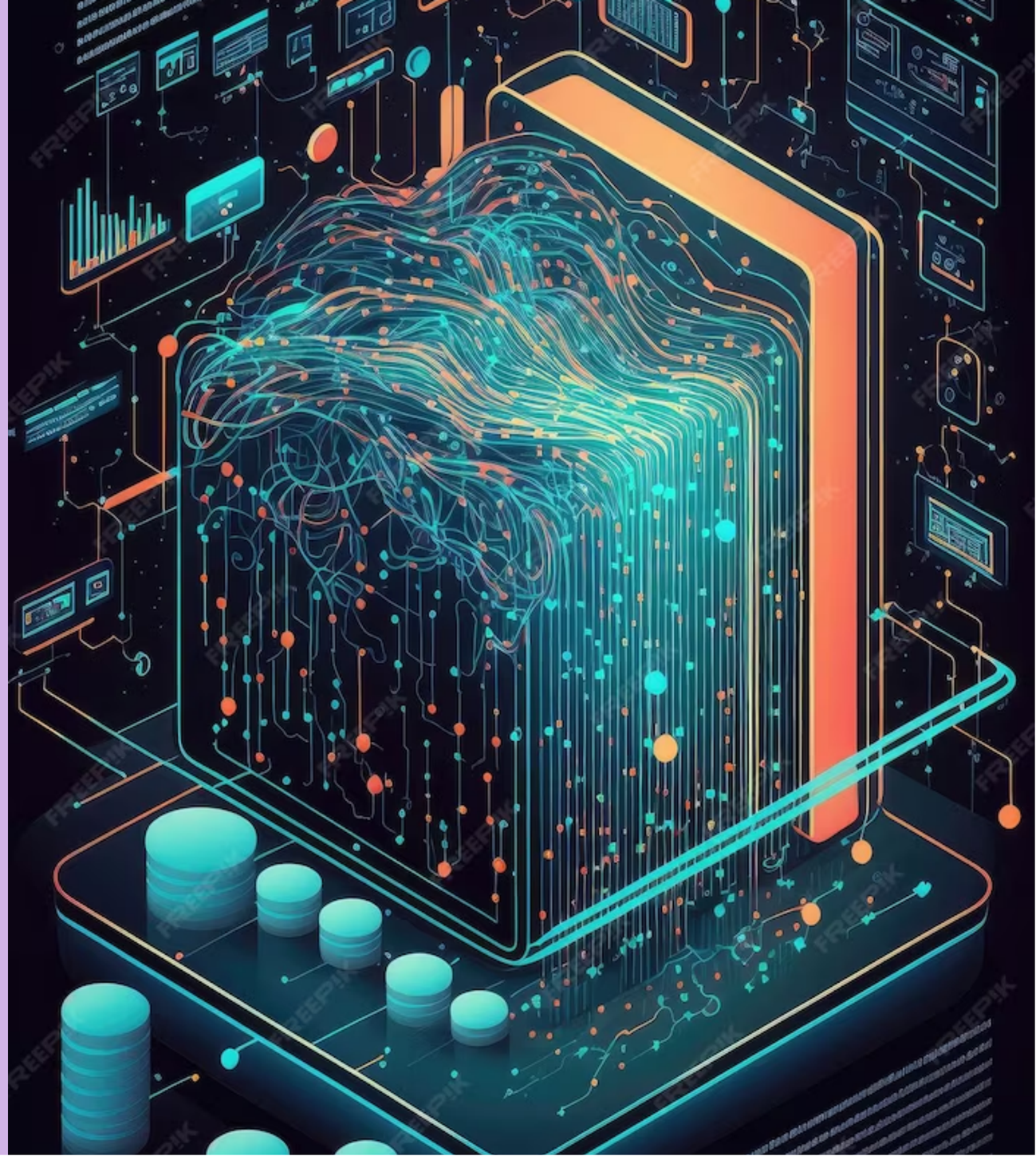
Before we dive into the predictions, let's understand the factors influencing **used car prices**. From **mileage** and **age** to **brand reputation** and **market demand**, various elements shape the value of a pre-owned vehicle. We take car model, year of purchase and kms driven to predict the price.

Data Collection and Analysis

To predict used car prices accurately, we need **data**. We have extracted data and stored it in the excel file for easy extraction. We have used multiple sources and methods for collecting relevant data, including **historical sales records**, **online listings**, and **market trends**. Additionally, we'll explore the power of **data analysis** in uncovering patterns and insights.

Machine Learning Models

In this slide, we'll introduce the concept of **machine learning** and its role in predicting used car prices.We have used.jupiter and python to connect with our excel file we have also linked files to the HTML file so that the prediction is presented on the HTML page. We have used CSS styling.



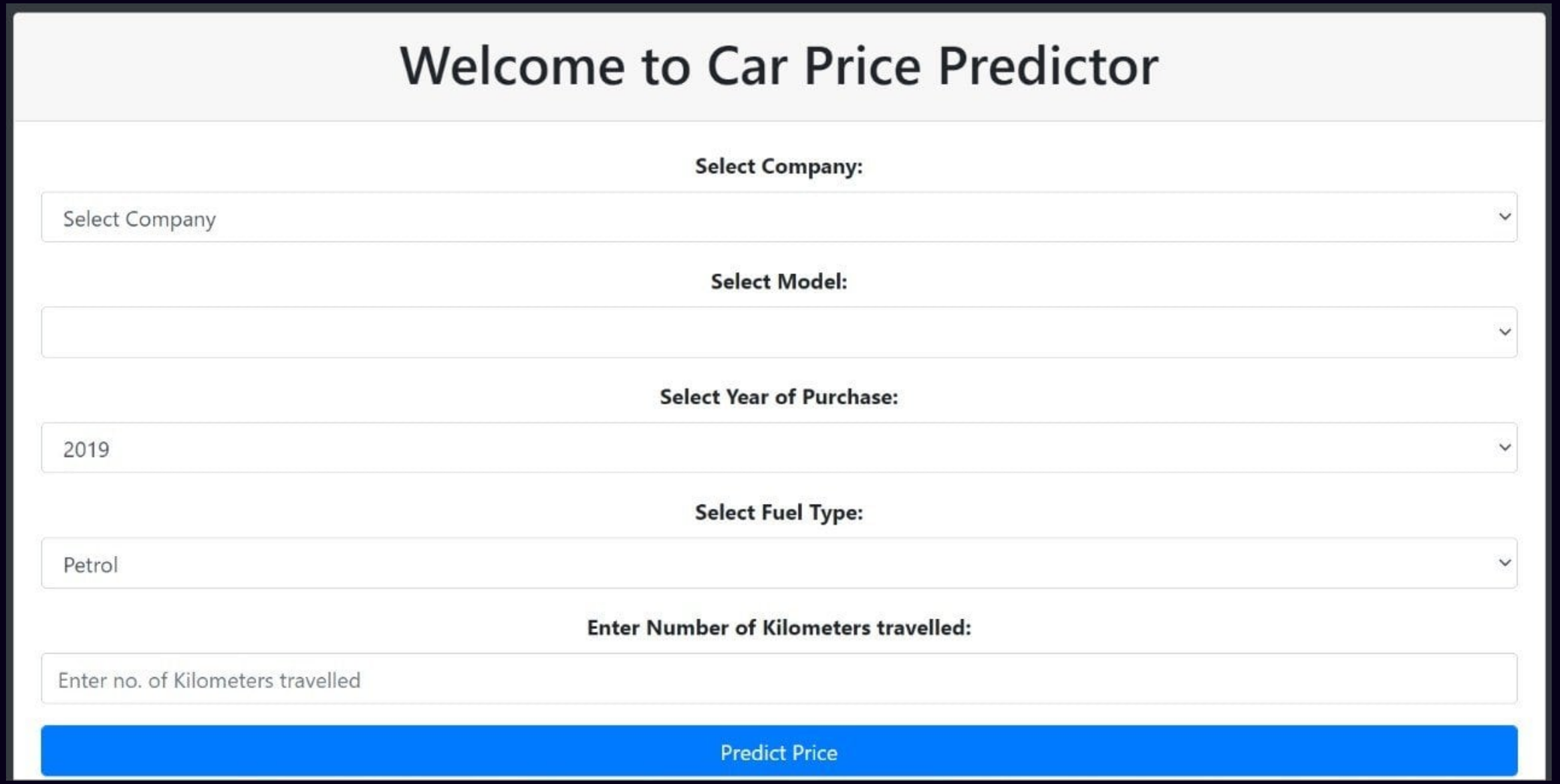
Validation and Accuracy

Predicting used car prices is not just about building models; it's about ensuring their **reliability** and **accuracy**. We'll delve into techniques such as **cross-validation** and **error metrics** to evaluate and fine-tune our models, ensuring they provide trustworthy predictions.Our project is similar to quikr_car which had several bugs like kms driven was in string we converted it to "int" and much more.

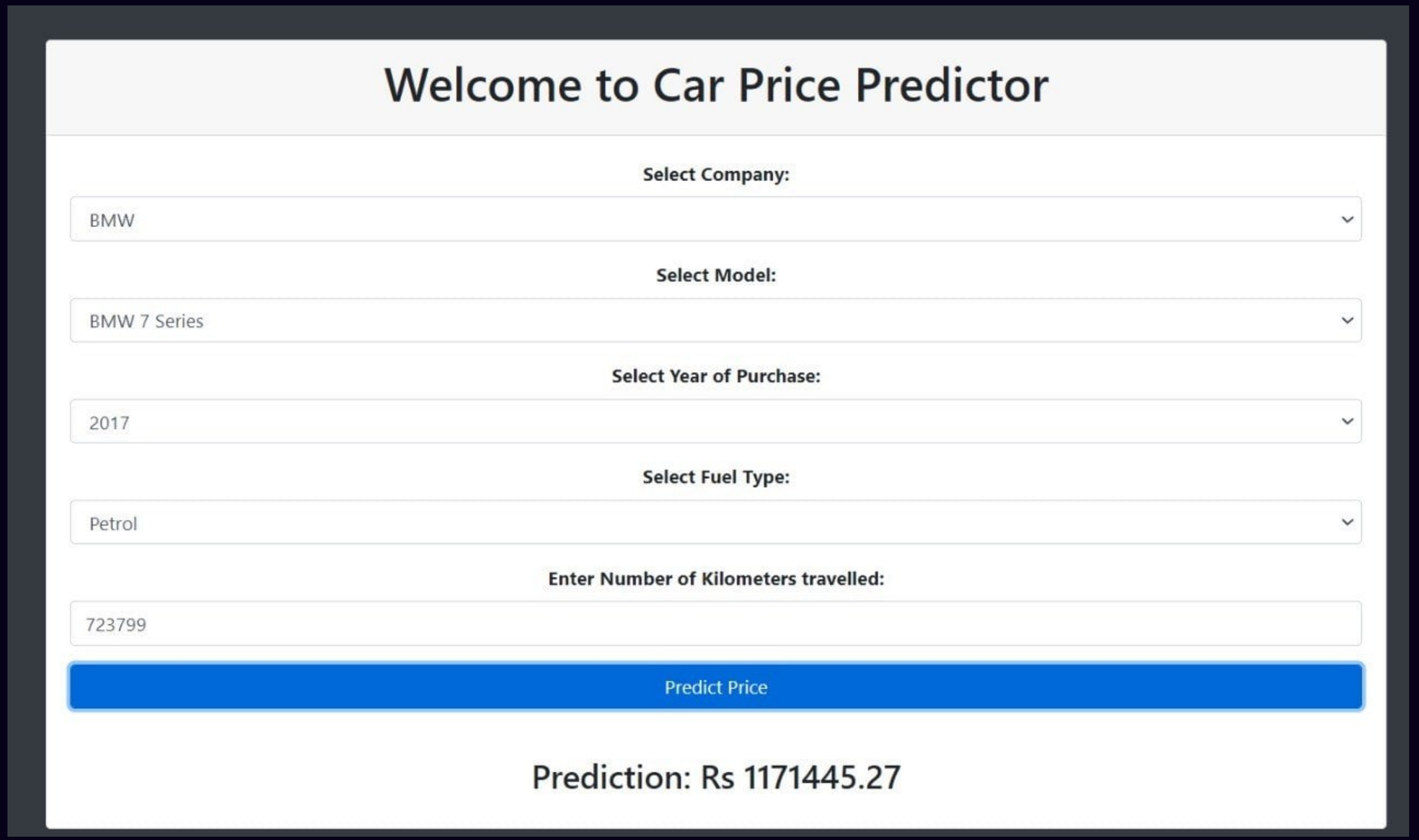
The Future of Used Car Prices

As we conclude our journey, we'll discuss the future of predicting used car prices. From advancements in **artificial intelligence** to the integration of **real-time market data**, the possibilities are endless. Join us in shaping the future of the automotive industry!

OUTPUT

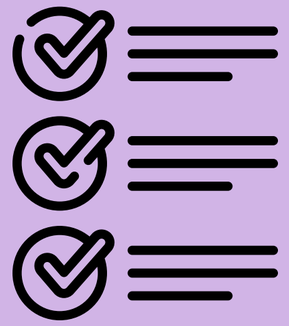

Welcome to Car Price Predictor
Select Company:
Select Company
Select Model:
Select Year of Purchase:
2019
Select Fuel Type:
Petrol
Enter Number of Kilometers travelled:
Enter no. of Kilometers travelled
Predict Price

OUTPUT


Welcome to Car Price Predictor
Select Company:
BMW
Select Model:
BMW 7 Series
Select Year of Purchase:
2017
Select Fuel Type:
Petrol
Enter Number of Kilometers travelled:
723799
Predict Price
Prediction: Rs 1171445.27

Sources

We have taken help from sites like Youtube, Google and Quikr for an easy an efficient way to develope our site.



Conclusion

In this presentation, we explored the exciting world of predicting used car prices. By understanding the market, leveraging data analysis, and utilizing machine learning models, we can unlock valuable insights. The future holds immense potential for accurate price predictions, revolutionizing the way we buy and sell used cars.