

ABSTRACT

Title: Car Price Prediction Analysis

The used car market is a complex and ever-changing landscape. With so many factors to consider, it can be difficult to determine the fair market value of a used car. This is where Python comes in. Python is a powerful programming language that can be used to analyze data and make predictions. In this article, we will show you how to use Python to analyze the selling price of used cars.

We will start by importing the necessary libraries. Then, we will load the data into a Pandas DataFrame. Next, we will clean the data and remove any outliers. Once the data is clean, we can start to analyze it. We will use a variety of Python libraries to analyze the data. We will use Matplotlib to create visualizations of the data. We will also use NumPy and Pandas to perform statistical analysis. Finally, we will use machine learning to predict the selling price of used cars. We will train a linear regression model to predict the selling price of a car based on its features.

This article will provide you with a step-by-step guide on how to use Python to analyze the selling price of used cars. We will cover everything from importing the necessary libraries to training a machine learning model. By the end of this article, you will be able to use Python to analyze the used car market and make informed decisions about buying and selling used cars.

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