**PROJECT PROPOSAL**

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| **PROJECT TOPIC** | Car price prediction | | |
| **NAME** | Ahmed Almuaybid  Abdulrahman Alrifae | **DATE** | 5/10/2021 |

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| 1. **Introduction** |
| The project will be about car price prediction this will help us to understand the factors affecting the pricing of cars in the Saudi Market. We want to apply some data science techniques for the price of cars with the available independent variables such as, Web scrapping, EDA, linear regression. The project will help any individual or company that lives in Saudi Arabia and nearby country to understand how exactly the prices vary with the independent variables. |
| 1. **Data Description** |
| We will create a new dataset using web scraping techniques, some of the website that we will scrap is SaudiSale.com, qatarsale.com. which it will be our main dataset and other supporting dataset that already exist. Some of the feature that may be used new car price, mileage, type of the engine, year of the manufacture. our target is to predict used car price. |
| 1. **Tools** |
| We will use   * Sklearn and statsmodels * Selenium and Beautifulsoup for web scrapping * Pandas and NumPy * Seaborn and Matplotlib for Plotting |