

EDA Analysis For Aqar

Project Proposal



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Background

The goal of this project is to apply Linear Regression on data scraped from the Aqar website, to predict the price of a land based on the features.

Data Description

Aqar is a website that provides housing options in multiple cities in Saudi Arabia, it allows people to place ads for real estate they aim to sell or look for a place to rent/buy. in this project, Linear Regression will be applied to data scraped from the Aqar website to predict the price of land with Certain features.

Question / need

- What will be the price of a land with certain features ?

Names of columns with description

Title	Describes the title of the page
Price (SAR)	The total price of land in SAR
Area (m2)	The area of land in m ²
Price(m2)	The price of land for each m ²
Front Direction	Direction to the front interface, for example, east
Street (m2)	Street width
Views	The number of viewers for the ad
Date	Ad publication date

TOOLS

Technologies



Libraries

- Numpy
- Pandas
- Pandas profiling
- Matplotlib
- Seaborn
- Sklearn
- BeautifulSoup
- Patsy
- Selenium