Introduction

In these days, the real estates in Riyadh is a hot topic and the prices changes monthly because of the high demand. Most of the preparty owners those trying to set a selling price for their property does not know what is the best price which make them set a high price or to low.

In this project, we will develop a linear regression model to predict the property prices according to its characteristics and location. Which will help the owners to set the best price.

Data Source:

We have used Web Scrapping to collect our data and the source was Aqar site and Wikipedia.

Results:

	Linear Regression	Ridge Regression
X	R^2 = 0.793 CV = 0.767	R^2 = 0.820 CV = 0.757
BED and BATH squared	R2 = 0.793 CV = 0.767	R^2 = 0.820 CV = 0.755
SIZE/BED	R^2 = 0.792 CV = 0.759	R^2 = 0.829 CV = 0.751
Drop Distrect	R^2 = 0.692 CV = 0.512	R^2 = 0.715 CV = 0.512
SIZE squared	R^2 = 0.833 CV = 0.810	R^2 = 0.842 CV = 0.817