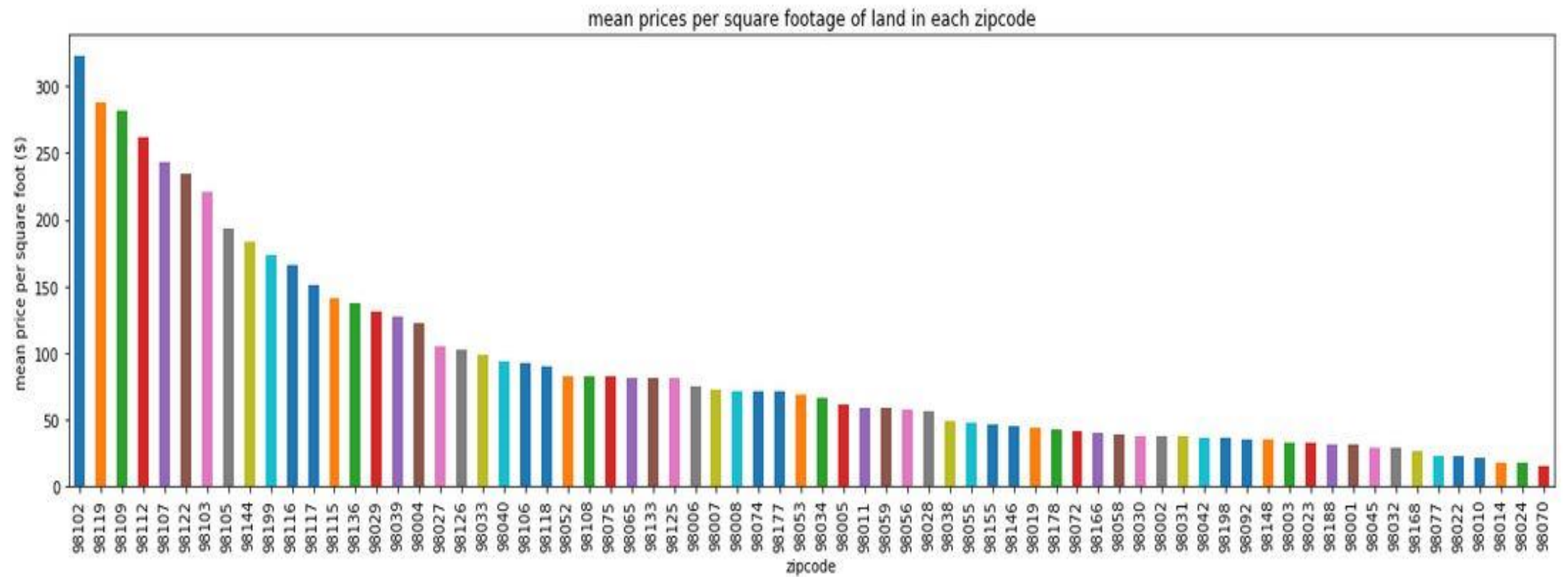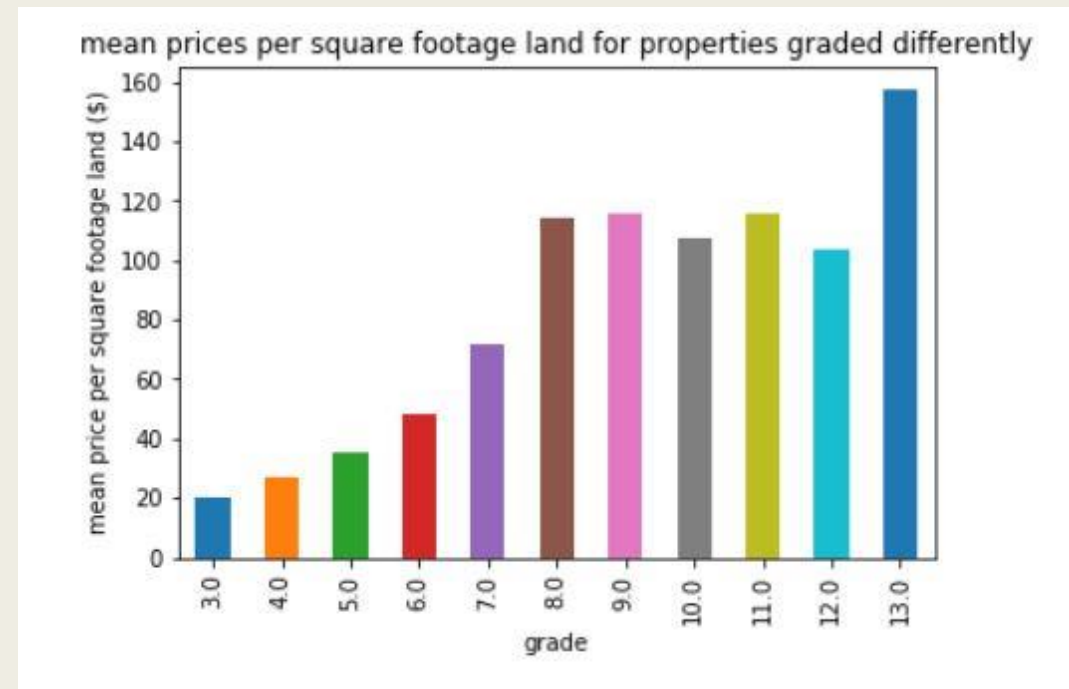# MODULE 1 FINAL PROJECT

Asad Rahman

Problem Statement

- What are the most important features in housing prices

- What can residents hoping to buy or sell a house focus on to get the best value

- King County, Washington
- 21597 data sets
- Collected between May 2014 and May 2015

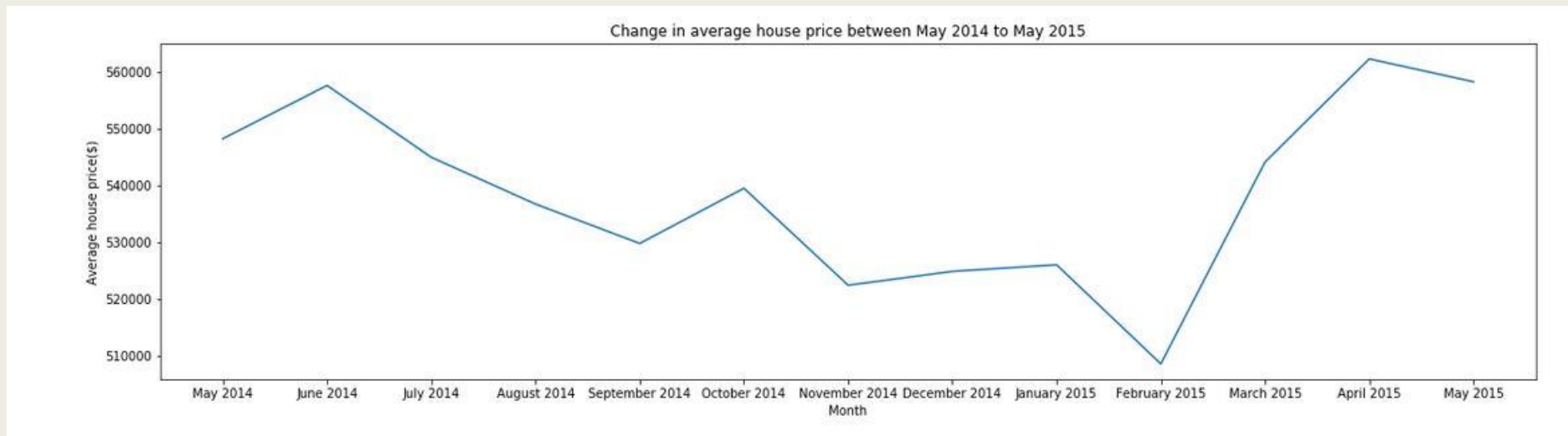# Affluent Areas

mean prices per square footage of land in each zipcode

Grading influence

mean prices per square footage land for properties graded differently

Price over time

Change in average house price between May 2014 to May 2015

Interpretation

OLS Regression Results

Dep. Variable:	price	R-squared:	0.864
Model:	OLS	Adj. R-squared:	0.863
Method:	Least Squares	F-statistic:	1705.
Date:	Mon, 08 Apr 2019	Prob (F-statistic):	0.00
Time:	08:28:18	Log-Likelihood:	4730.9
No. Observations:	21597	AIC:	-9300.
Df Residuals:	21516	BIC:	-8653.
Df Model:	80		
Covariance Type:	nonrobust		

zipcode_98109	0.131315
zipcode_98119	0.123097
has_basement_1	0.115055
grade	0.110666
bathrooms	0.099244
zipcode_98033	-0.099240

QUESTIONS?