



# Zillow

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# The Problem

- Real estate-isms

<u>EUPHEMISM</u>	<u>MEANING</u>
Cozy	Too small
Intimate	Even smaller
Centrally located	Next to a freeway
Friendly neighborhood	Research local registries thoroughly
Charming	Smells weird

## 2 The Data



16,052

Households

62

Characteristics

11

Different models

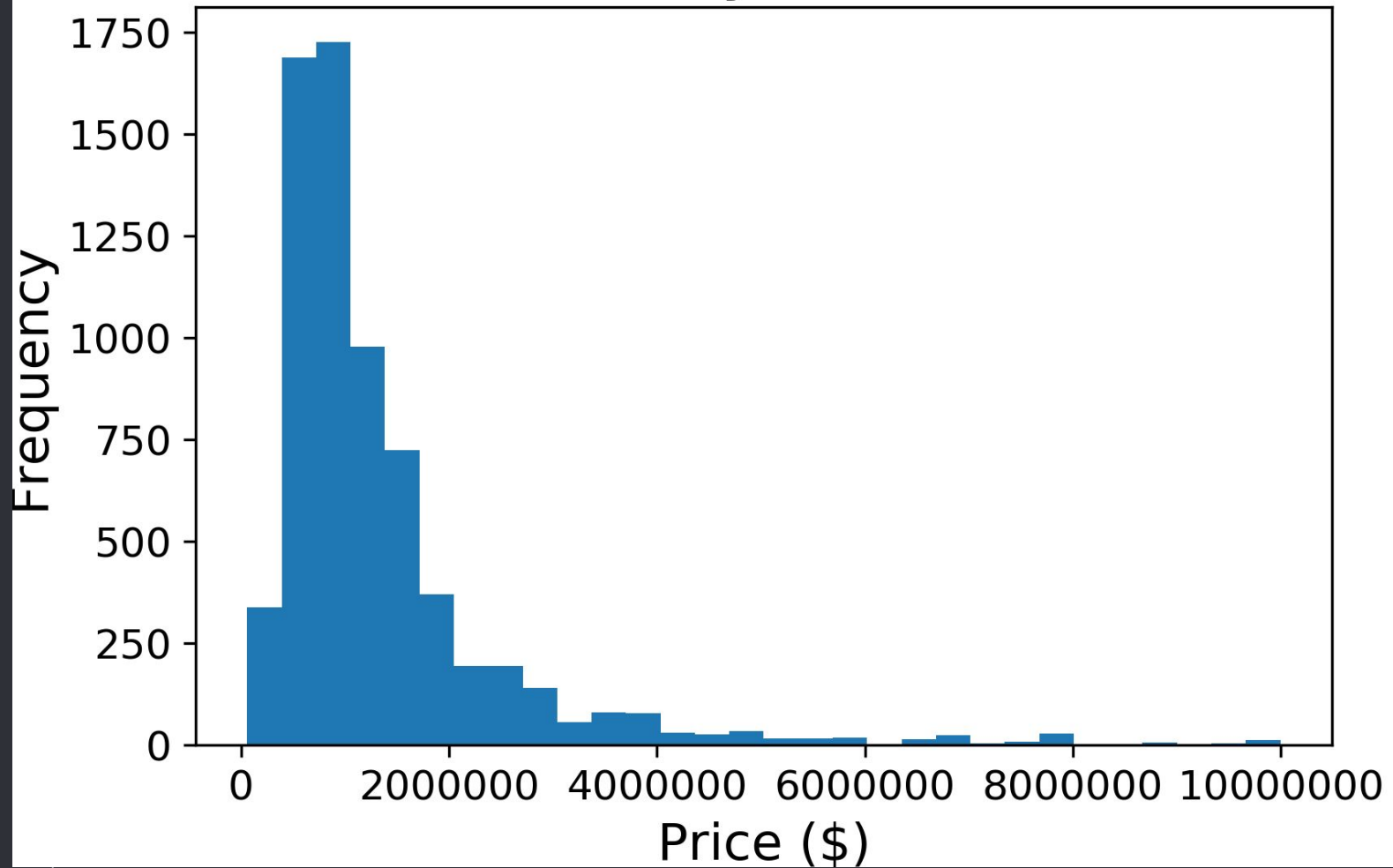
3

# The Solution



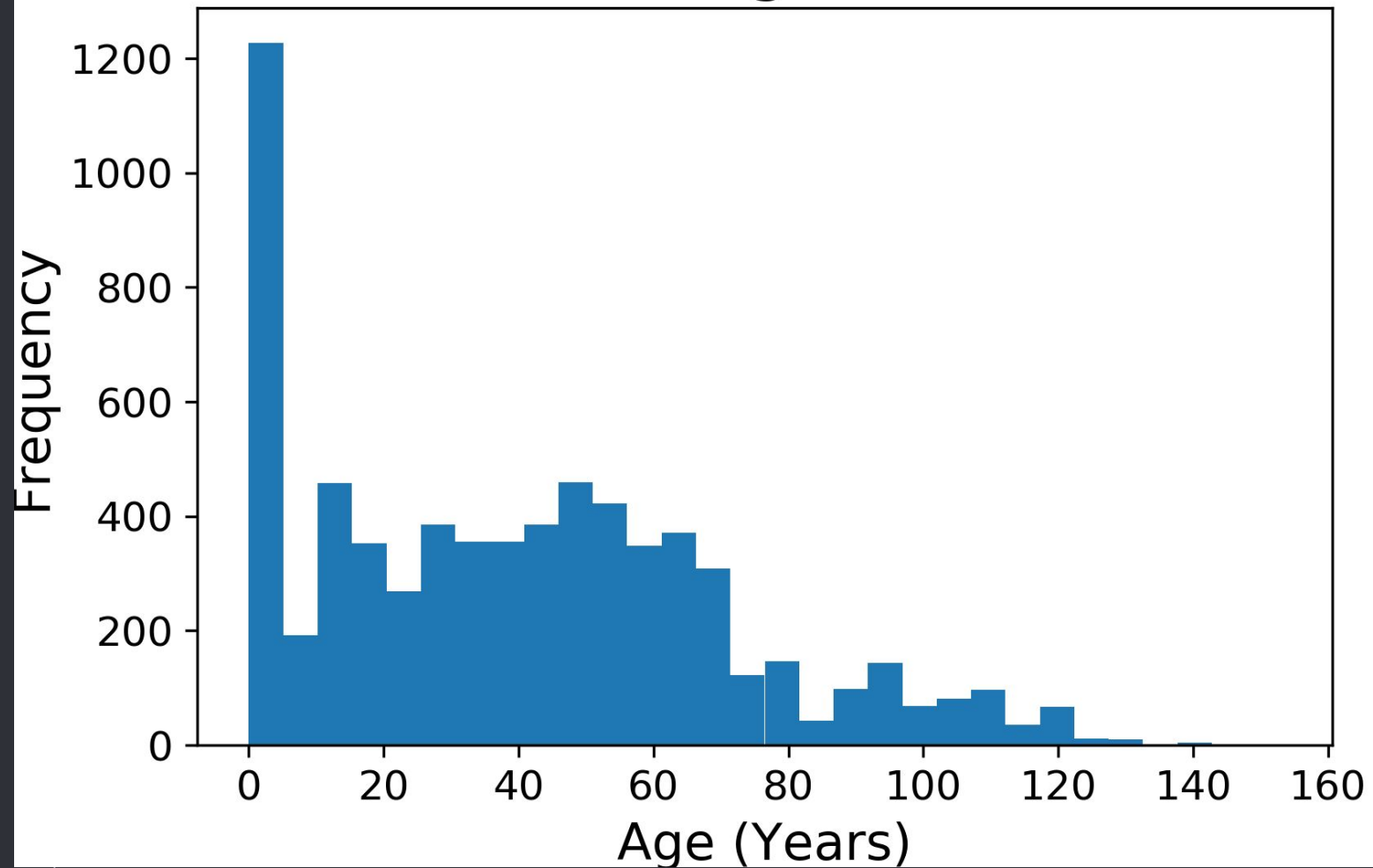
# Appendix

# Distribution of Bay Area House Prices





# Distribution of Age of Households



## ● Top Model - Statistics

○ RMSE - \$751,325.46

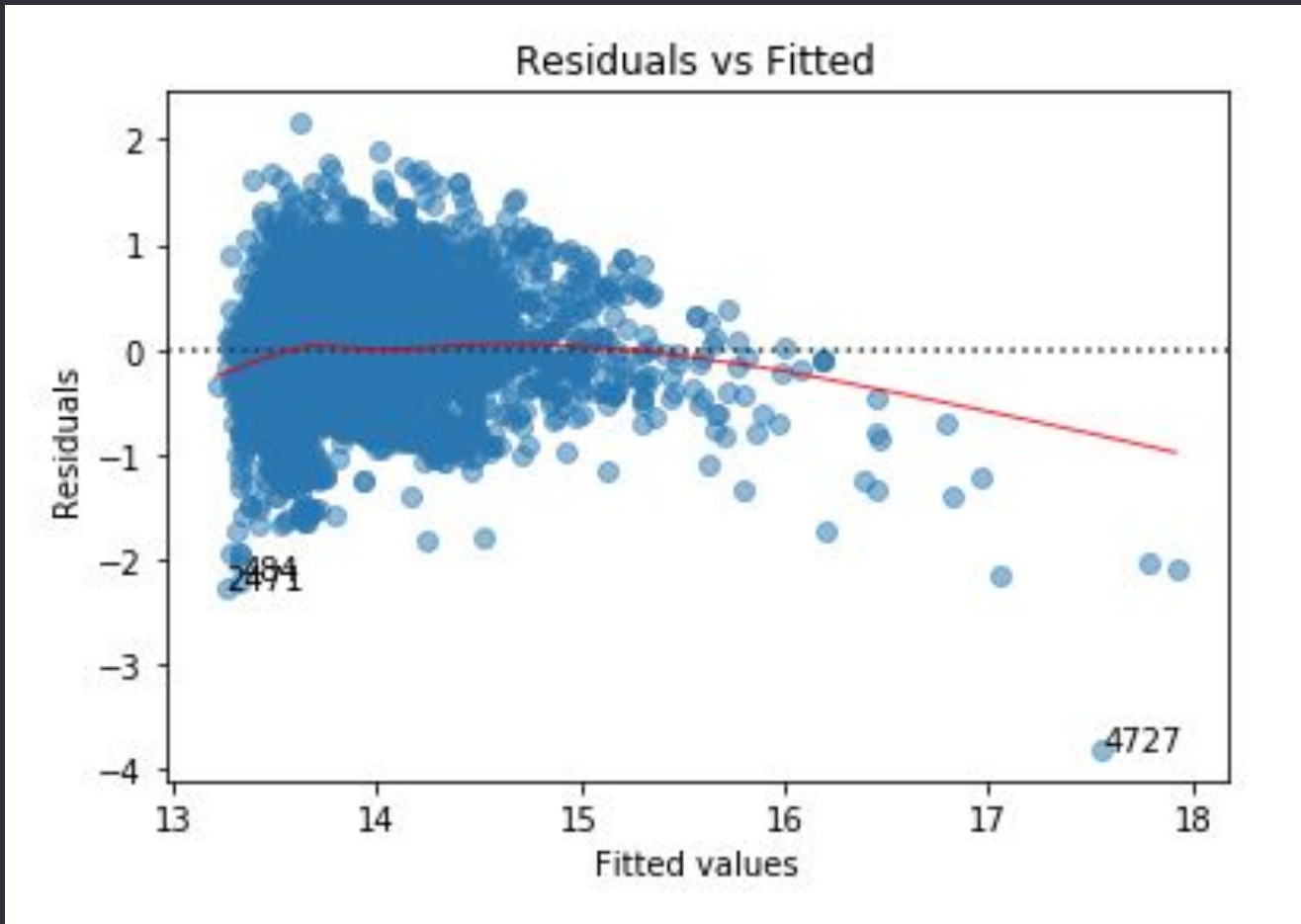
Need to have features:

- Square feet
- Age of house
- Number of bedrooms/bathrooms

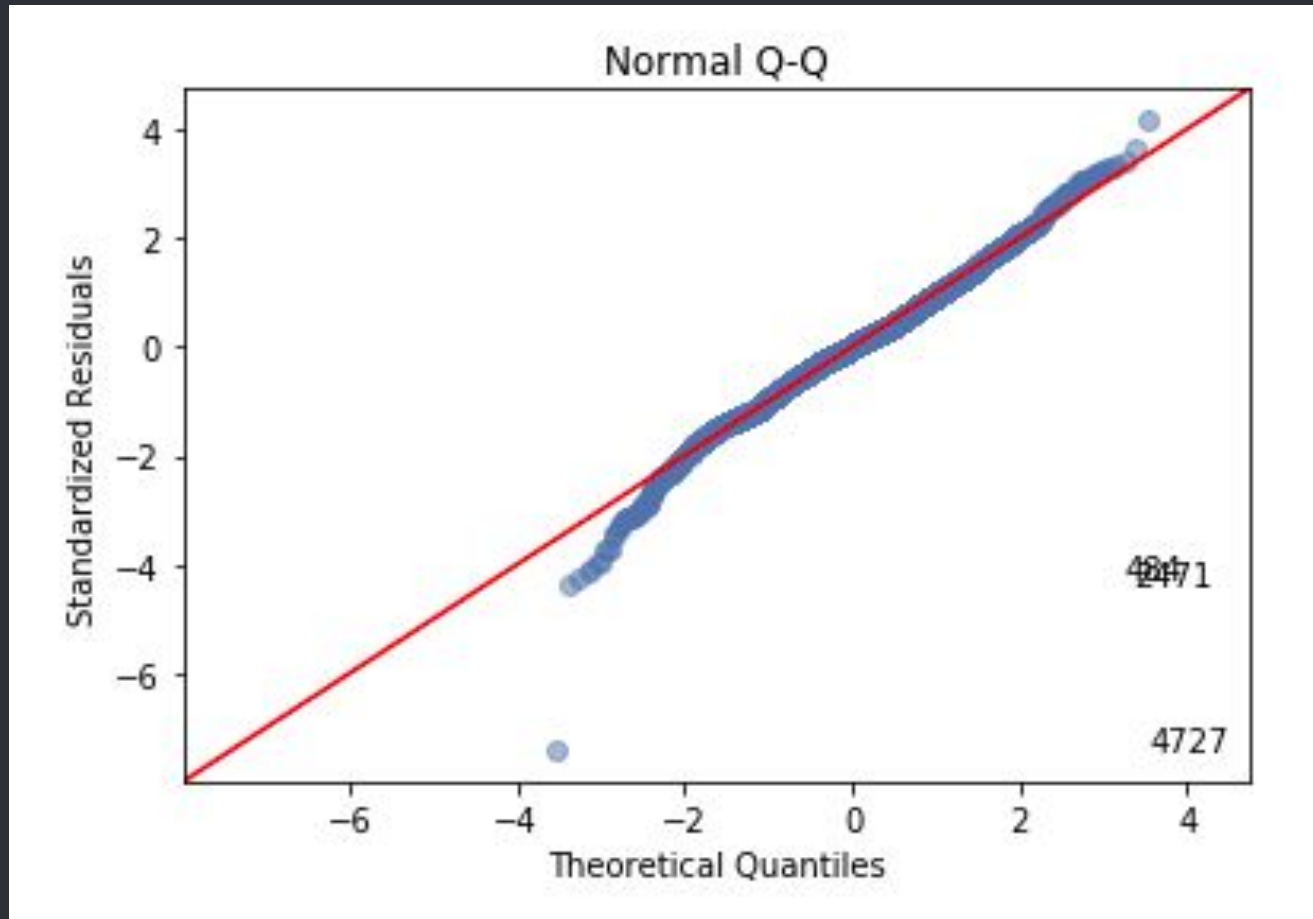
Nice to have features:

- House type
- Latitude/longitude

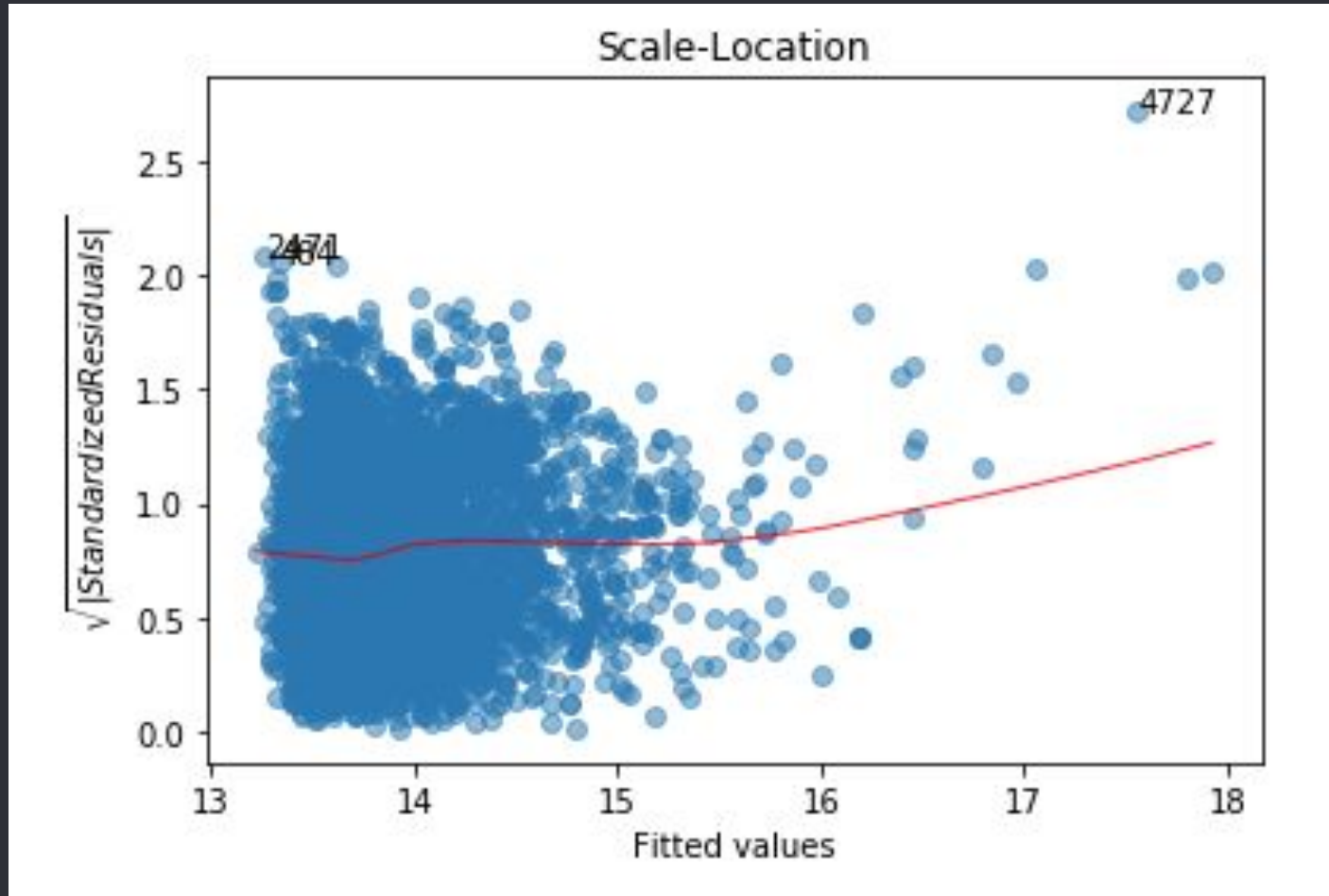
- Residual v. Fitted for Top Model



- Q-Q for Top Model



- Scale-Location for Top Model



- Residual v. Leverage - Top Model

