King County Housing Data

Identifying poor neighborboods for community oriented development

Client: Erin Robinson

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Client and Objectives

- buying property in poor neighbourhoods

- to create, renovate and maintain affordable living space

- for rent and selling

- property will be transfered into a community oriented fund.

Questions

1. What parameters describe a poor neighbourhood?

2. Which neighborhoods are suitable based on those parameters?

3. Where are those neighborhoods in greatest need of community oriented development?

Question 1.

What parameters describe a poor neighbourhood?

Poverty rate:

- *n people < poverty line*

- USA: 0.151 ~15%

(OECD (2023), Poverty rate (indicator). doi: 10.1787/0fe1315d-en (Accessed on 26 January 2023))

Question 1

What parameters describe a poor neighbourhood? - Methods
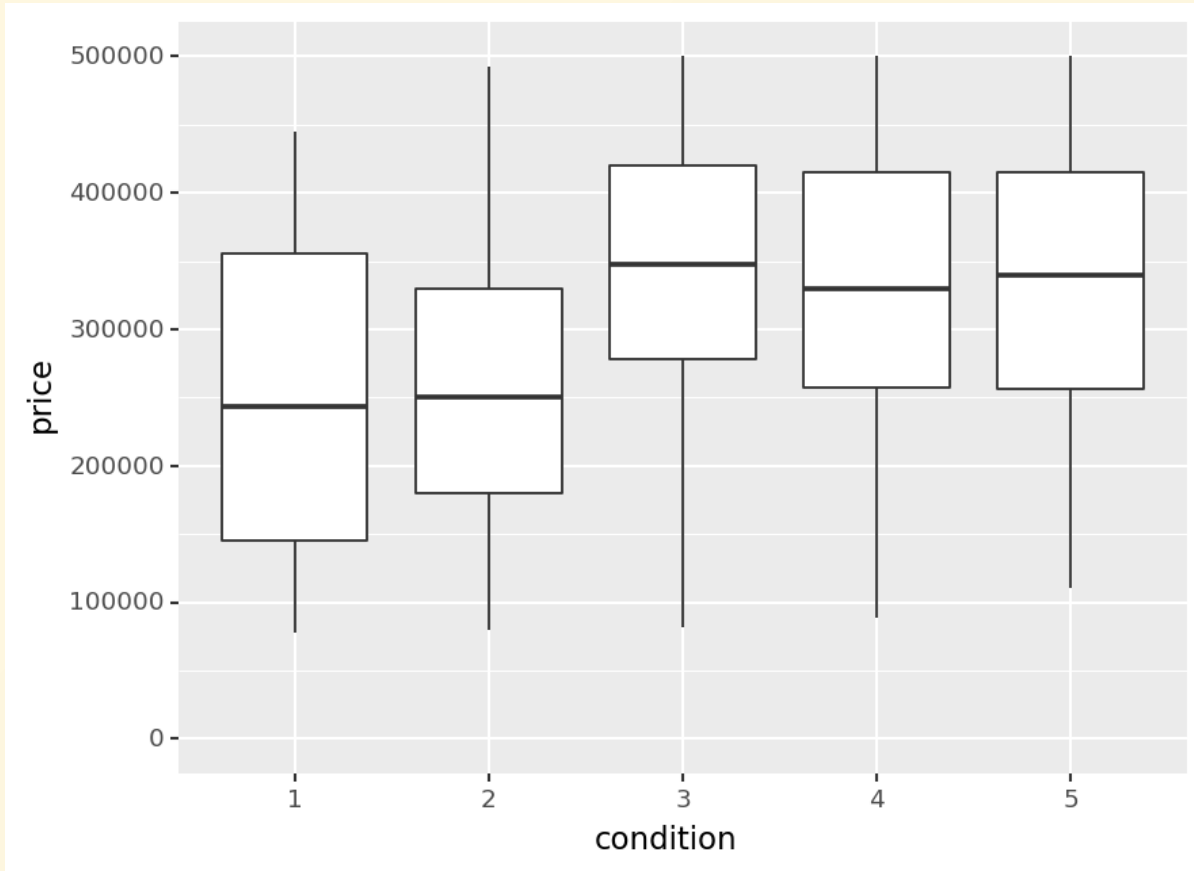
Affordable:

- price per m^2
- price

Lower Quality:

- condition ?
- grade ?

Question 1

Condition

- 1 and 2 lower than 3-5
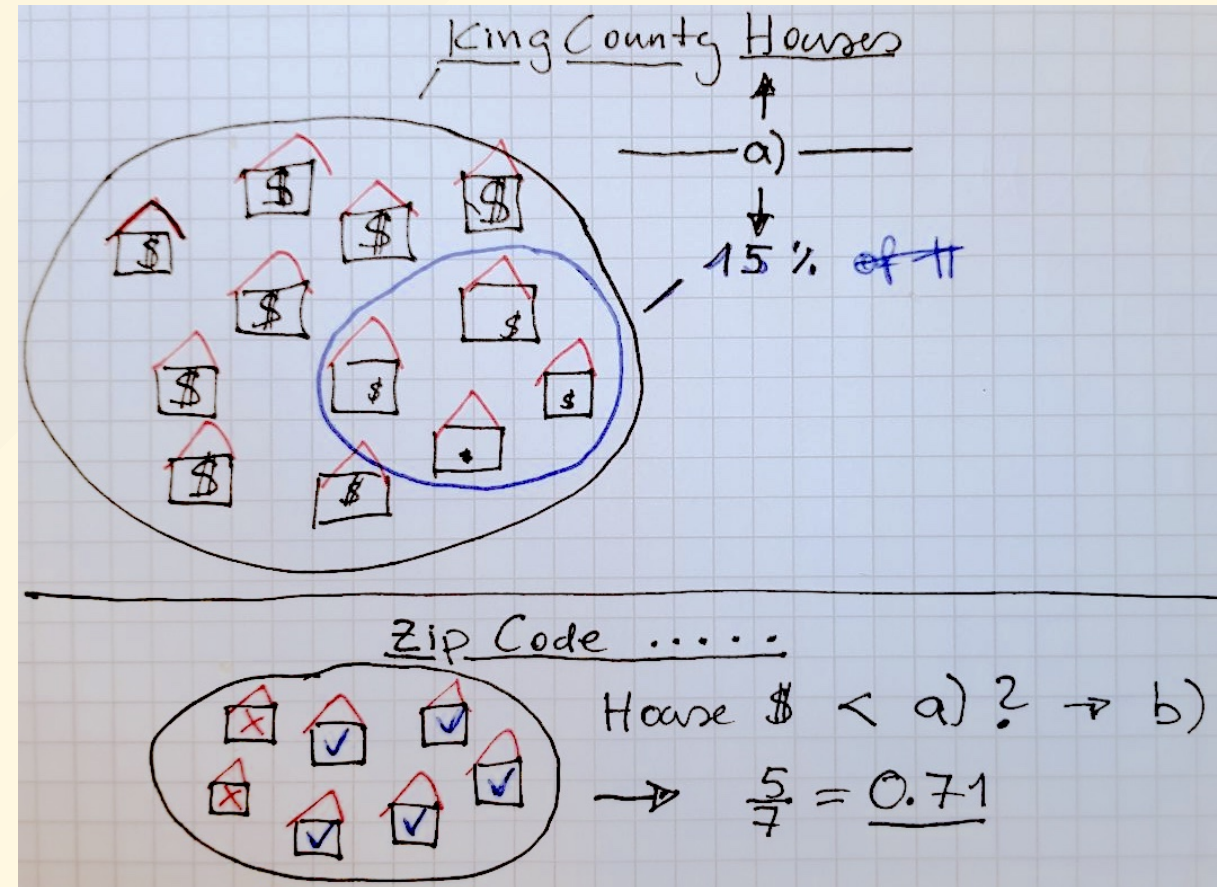- include bad condition in search

Question 2

a) *fair housing threshold (parameter)*

- perc(15) of all houses

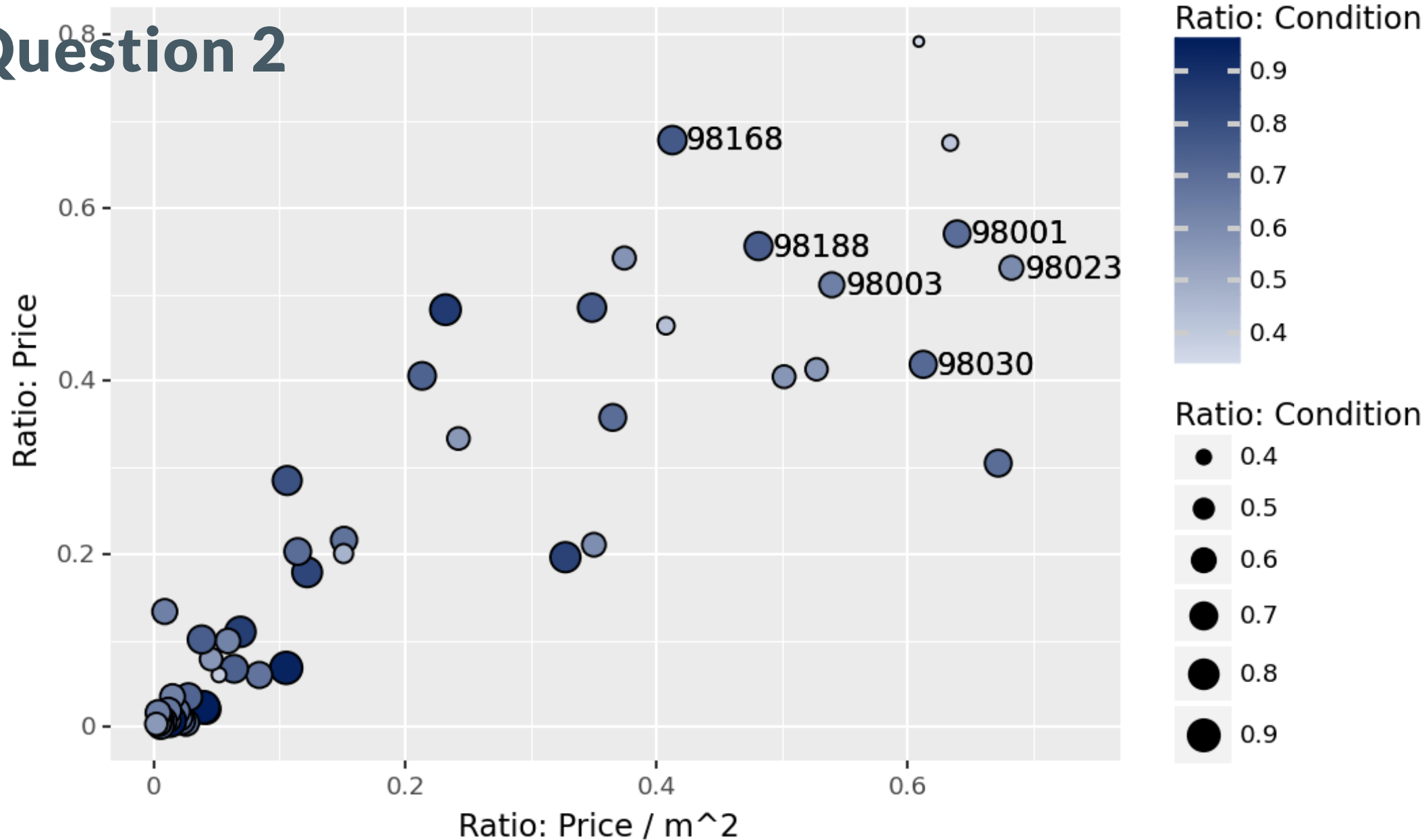b) *house poverty score (parameter)*

- value <= a) ? (Yes, No)

c) *ratio of houses below a) per zipcode*

Question 2

Ratio of houses within lowest 15 perc. across Zipcodes

Poorer Neighborhoods with development potential in King County

Question 3