Module 5 Lab Part 2

Screenshots of 6 Tableau Plots

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Load the HOUSEDATA data set into both Tableau and R.

These plots are explained in more detail in Module 5 Lab Part 1 on Top Hat.

## Analyzing LOCATION

**Plot 1**

In Tableau, create a bar chart showing the average home price in the North and in the South.

*Hint: for bar graphs in Tableau, refer to the videos in Top Hat given in the Module 5 page “Example part 1: gaining intuition through visualization.”*

[Paste a screenshot of your plot here] **(See next page)**

Chart, bar chart

Description automatically generated

**Plot 2**

In Tableau, create a scatter plot where

* The x-axis is SIZE
* The y-axis is PRICE
* The dots are color-coded by LOCATION
* Linear trend lines have been added to the plot (one for each location)

*Hint: for color-coded scatter plots in Tableau (with multiple trend lines), refer to the videos in Top Hat given in the Module 5 page “Example part 1: gaining intuition through visualization.”*

[Paste a screenshot of your plot here]

Chart, scatter chart

Description automatically generated

## Analyzing Lot Type (variable = LOT)

**Plot 3**

In Tableau, create a bar chart showing the average home price for Corner lots and Non-corner lots.

[Paste a screenshot of your plot here]

Chart

Description automatically generated

**Plot 4**

In Tableau, create a scatter plot where

* The x-axis is SIZE
* The y-axis is PRICE
* The dots are color-coded by LOT
* Linear trend lines have been added to the plot (one for each lot type)

[Paste a screenshot of your plot here]

Graphical user interface, chart

Description automatically generated

**Plot 5**

In Tableau, create a scatter plot where

* The x-axis is SIZE
* The y-axis is PRICE
* The dots are color-coded by LOT
* Linear trend lines have been added to the plot (one for each lot type)
* The data are filtered to show only homes that are **less than or equal to 2500** square feet.

[Paste a screenshot of your plot here]

Chart, scatter chart

Description automatically generated

**Plot 6**

In Tableau, create a scatter plot where

* The x-axis is SIZE
* The y-axis is PRICE
* The dots are color-coded by LOT
* Linear trend lines have been added to the plot (one for each lot type)
* The data are filtered to show only homes that are **greater than or equal to 2501** square feet.

[Paste a screenshot of your plot here]

Graphical user interface

Description automatically generated

**Save your document** (either in MS Word format or as a .pdf) and upload to the Module 5 Lab Part 2 assignment dropbox in D2L.