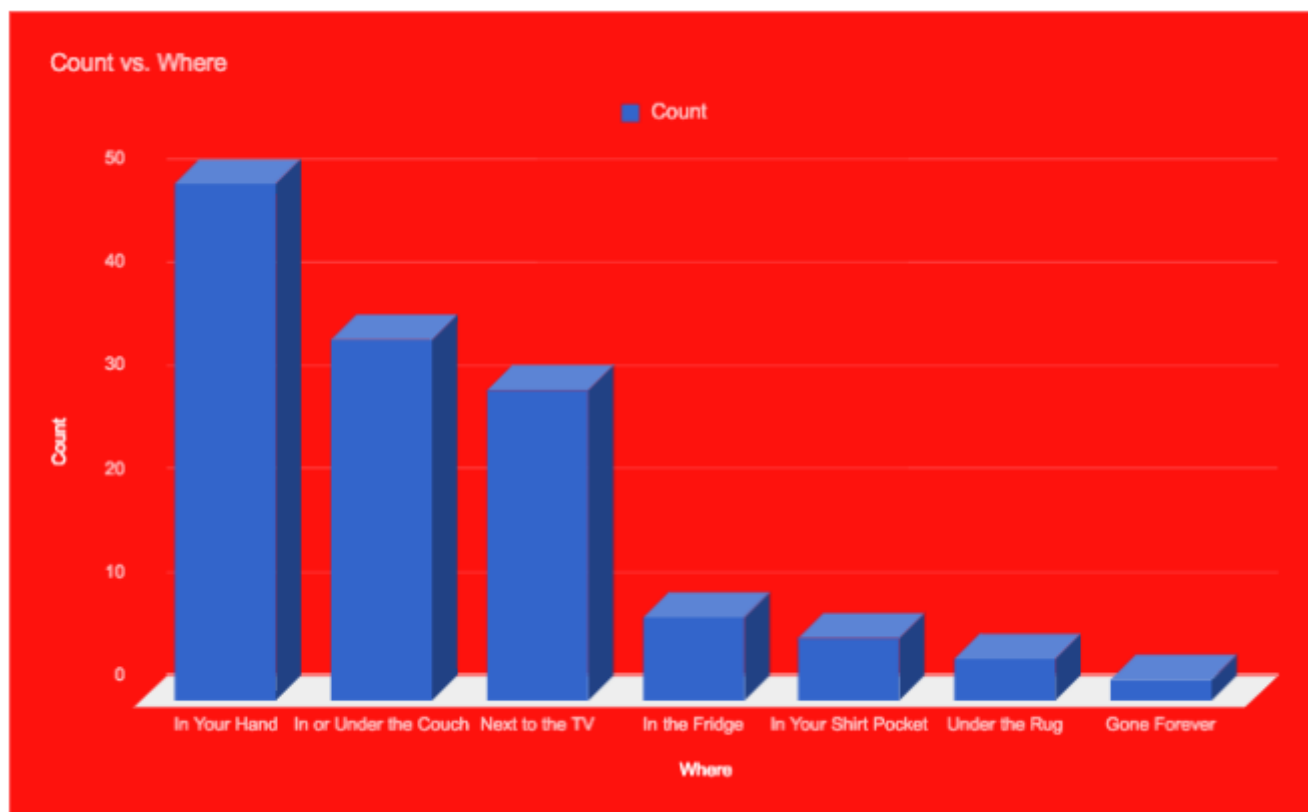


## 05. Quizzes on Data Story Telling

### First Visual

Use the first visual from the previous video to answer the following question.



#### QUIZ QUESTION::

For each of the visual elements below, mark whether or not you would "Keep" or "Remove" that element from the figure above.

#### ANSWER CHOICES:

Keep

Keep

Remove

Remove

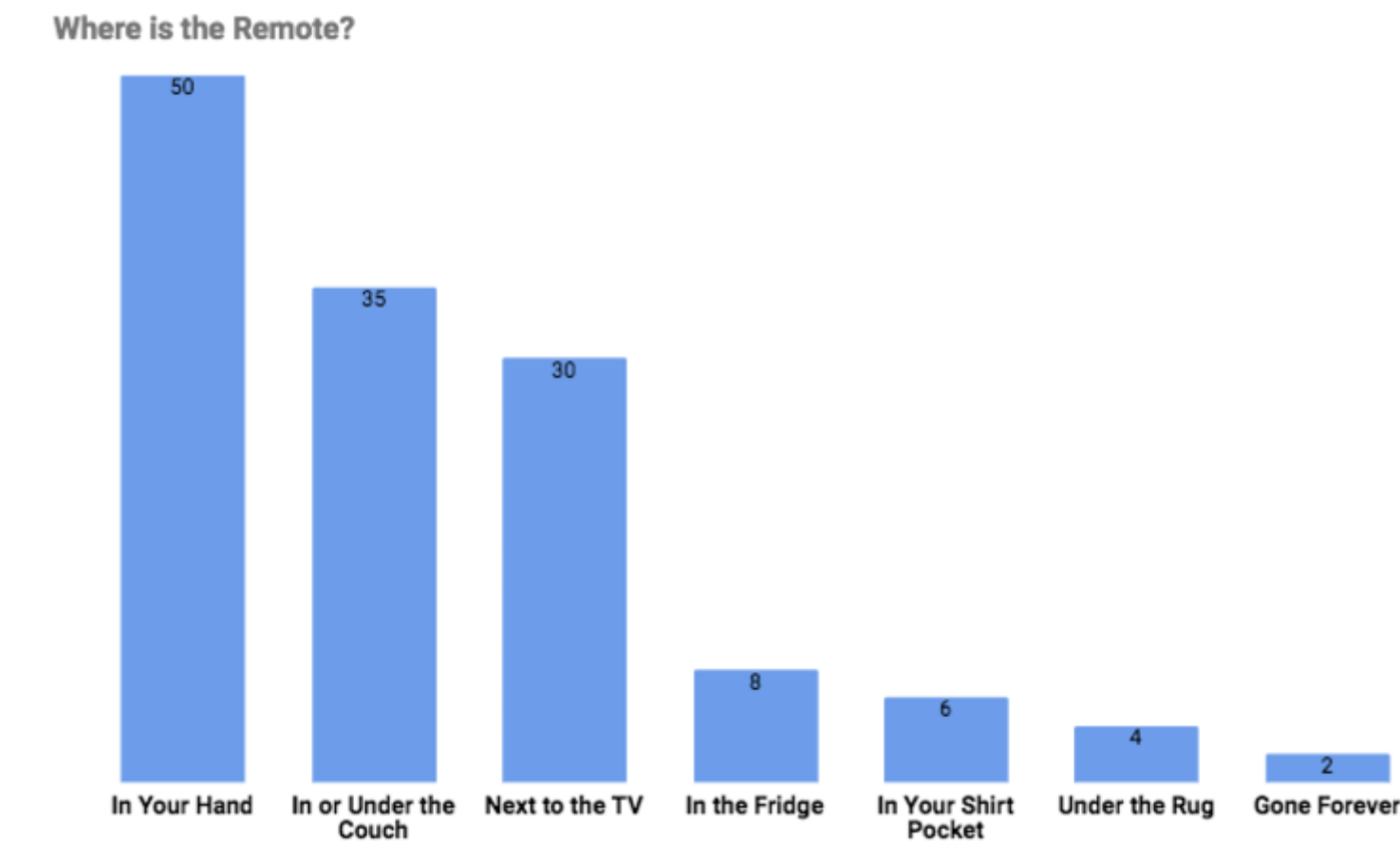
Remove

Keep

Visual Element	Keep or Remove
3D aspect	Remove
Legend	Remove
Ordered Bars	Keep
Red Background	Remove
Axes/Title Labels	Keep

# Second Visual

Here is the second visual. Use it to answer the following quiz question.



What does this plot do well?

- ☒ High data-ink ratio.
- ☒ No chart junk.
- ☒ Highlights where the remote is most likely hiding in a way that stands out.
- ☒ Highlights the answer to the question of "Is your remote gone forever?"

### QUESTION 1 OF 2

Which of the statements are true? (Select all that apply)

☒

In bar charts, you should always arrange the position of bars based on the value on the y-axis, from highest value to lowest value.

☒

You should not use many colors if it increases chart junk and decreases the data-ink ratio

☒

You should always include units or measurements when you add axis labels to the audience understand the scale of the data.

☒

You don't need to provide legends for non-positional variables as long as you used different colors.

QUESTION 2 OF 2

Match the code with the correct action

add a title to the figure

make a plot

rotate the ticks

set the x-axis label

add a color bar

add legend

add a subtitle

CODE

ACTION

```
plt.xlabel('Height (cm)')
```

set x-axis label

```
plt.subtitle('bar chart')
```

add a subtitle

```
plt.legend(['Fairy', 'Dragon'])
```

legend

```
plt.scatter(data = data, x = 'city',  
y = 'highway', alpha = 1/8)
```

make a plot

```
plt.xticks(rotation = 15)
```

rotate