First Visual

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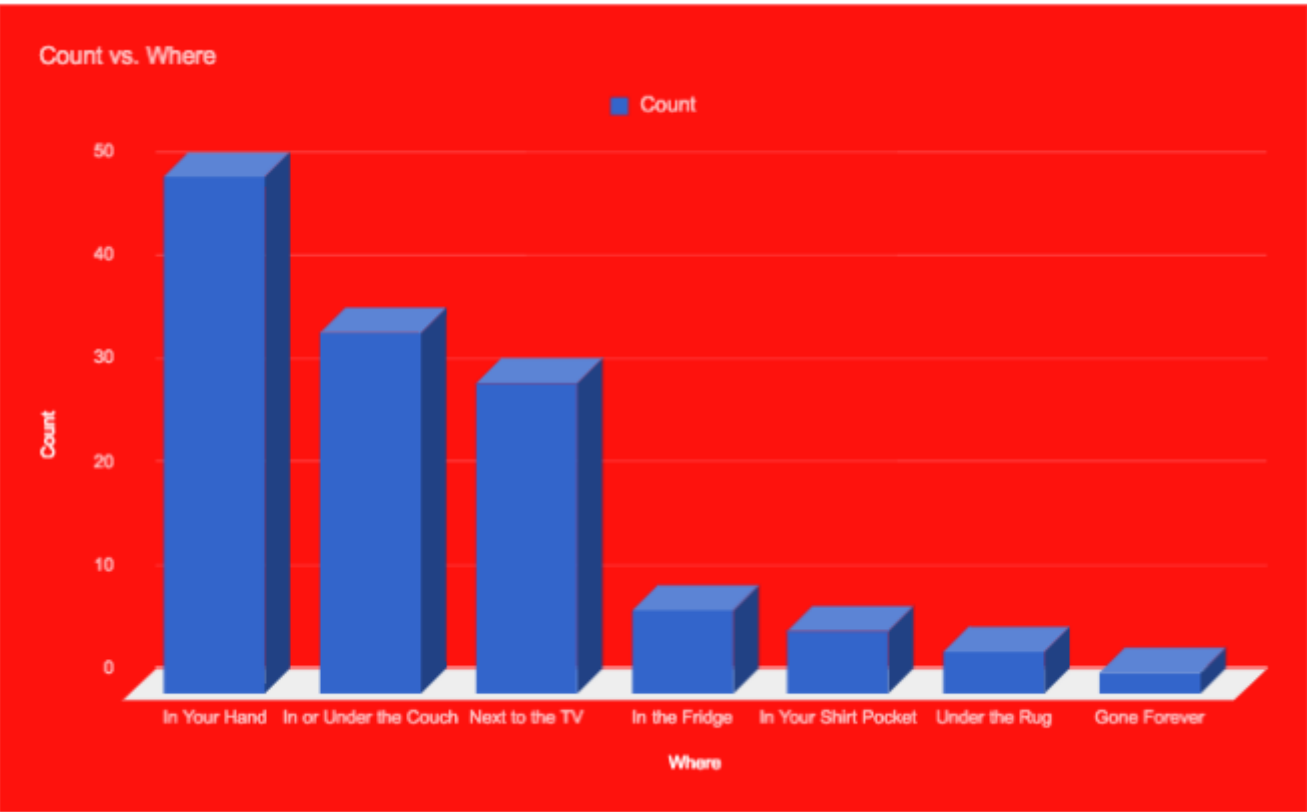
QUIZ QUESTION::

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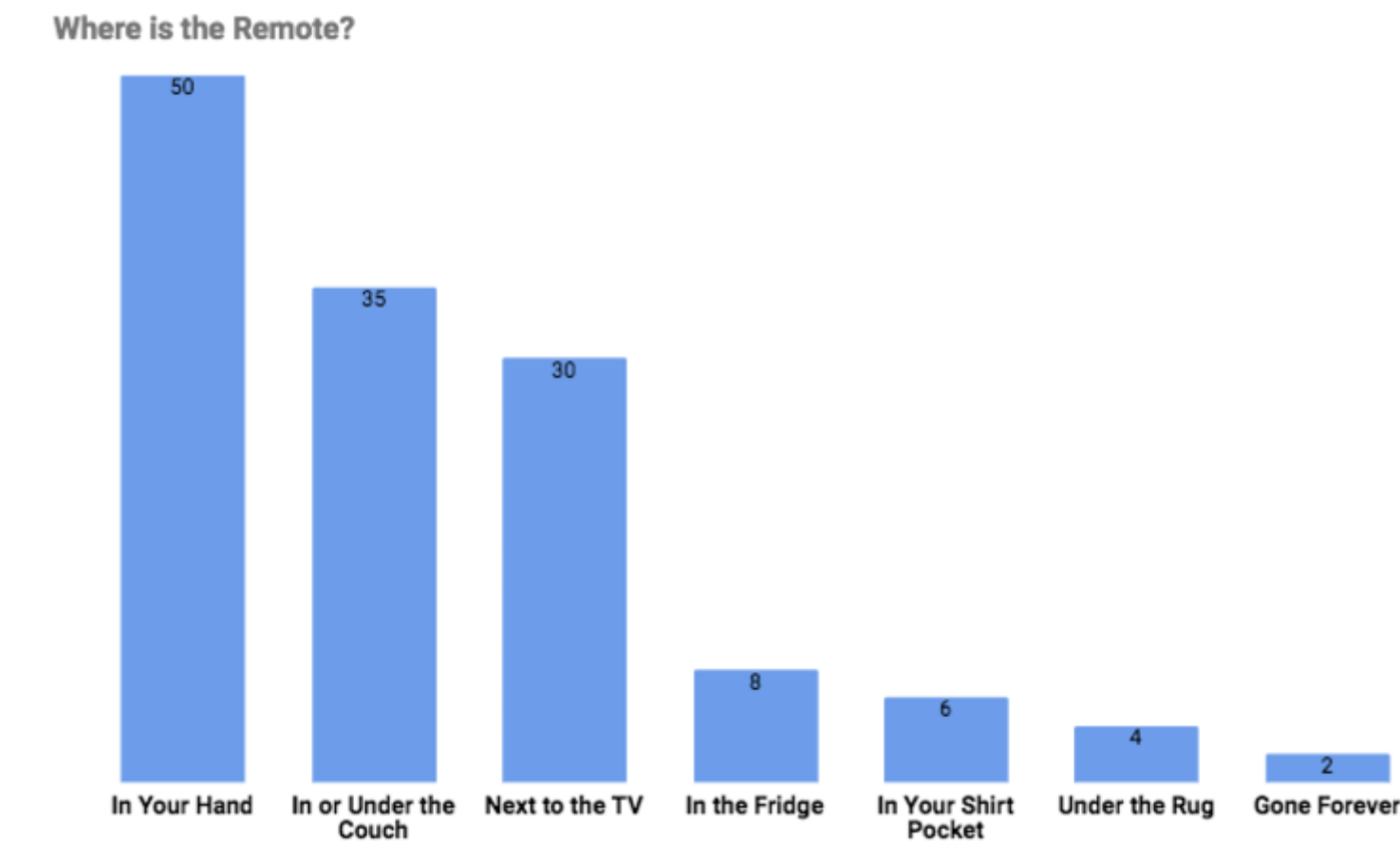
ANSWER CHOICES:

Keep	Keep	Remove	Remove	Remove	Keep

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

Second Visual

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

Where is the Remote?

Location	Value
In Your Hand	50
In or Under the Couch	35
Next to the TV	30
In the Fridge	8
In Your Shirt Pocket	6
Under the Rug	4
Gone Forever	2

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?"

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

- [x] 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.

- [x] 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.

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

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 the x-axis Label
`plt.subtitle('bar chart')`	add a subtilte
`plt.legend(['Fairy', 'Dragon'])`	add legend
`plt.scatter(data = data, x = 'city', y = 'highway', alpha = 1/8)`	make a plot
`plt.xticks(rotation = 15)`	rotate the ticks