

Lab Assignment for CSP Unit 9, Data, Lesson 2

<https://studio.code.org/s/csp9-2021/lessons/2>

1. Choose a dataset you are interested in from <https://www.kaggle.com/datasets>. Post a link to your dataset:

<https://www.kaggle.com/yamqwe/shark-tank-companiese>

2. Create a new project in AppLab.

2. Download the dataset and import into code.org AppLab.

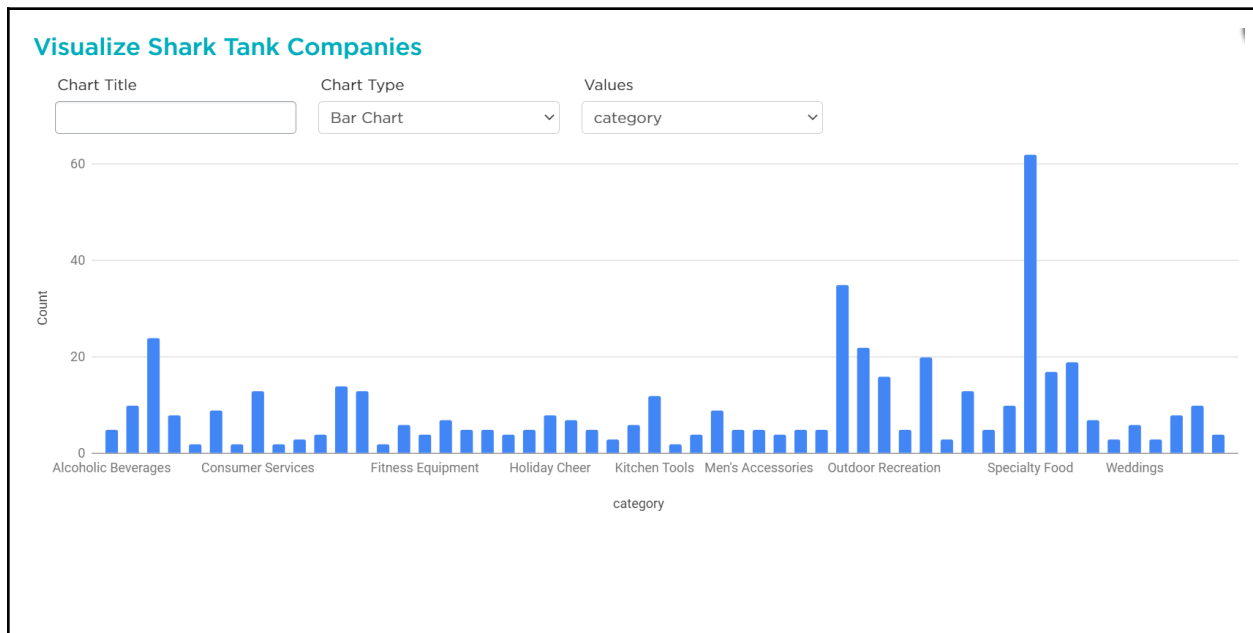
<https://support.code.org/hc/en-us/articles/360044519392-How-to-Create-and-Use-a-Custom-Dataset-in-App-Lab>

3. Explore the data and choose 1 column for which you would like to create a bar graph or histogram data visualization.

4. Why did you choose this dataset?

I am a big fan of Shark Tank and I wanted to see if the data shows me something interesting. I am also interested in entrepreneurship.

5. Copy and paste a screenshot of your data visualization:



6. Why did you choose the type of visualization you did - bar graph or histogram?

Since the values we are analyzing are non-numeric, a bar chart is a better choice than a histogram.

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7. What conclusions can you draw based on this data? How did the visualization help you draw your conclusions? What follow up questions do you want to analyze after reviewing the data and looking at the visualization?

It appears that two categories appear most often on Shark Tank - specialty food and outdoor recreation. The visualization made these two categories blatantly obvious - with long bars that tower over the other categories. Some follow up questions I have are:

- Why are these two categories so popular?
- Are they easier for entrepreneurs to break into? Or do entrepreneurs believe these are the categories with the most consumer need?