4.12.2 Categorize the Size Bins

Getting the school size bins was a lot easier than getting the spending bins. Now you have enough time left in the day to group the school sizes in the `per_school_summary_df` DataFrame based on the bins.

Using our school size bins, we can create a new column in the `per_school_summary_df` DataFrame, which will be assigned the school size bins from the `per_school_summary_df` DataFrame.

To do this, we will need to do the following:

- Use the `cut()` function on the `per_school_summary_df` DataFrame.
- Add the bin data to a new column in the `per_school_summary_df` DataFrame.

Add the following code to a new cell and run the cell.

```
# Categorize spending based on the bins.
per_school_summary_df["School Size"] = pd.cut(per_school_summary_df["Total S
```

```
per_school_summary_df.head()
```

Let's go over what is happening in this code.

- We added a new column to `per_school_summary_df` DataFrame, called `"School Size"`.
- We used the `cut()` function on the `per_school_summary_df` DataFrame column `"Total Students"` and grouped the student size in the `size_bins`, and then added the `labels=group_names`.

When we execute the code, the results should look like this:

We added the new column "School Size," which becomes the last column in the DataFrame.