# &lt;Title&gt;

A data analysis performed by

&lt;First and Last Name(s)&gt;

for &lt;Teacher Name&gt;

on &lt;Date&gt;

**Shared Pyret file: &lt;Link&gt;**

# My Dataset

*(Use Pages 12 and 22)*

**Why did you choose your dataset?**

**What dataset are you using, and where did you get it? (Provide a link *and* a citation to the dataset)**

**Describe your dataset. How many data rows are there? What are the columns, and what kind of data are they?**

**What are some questions you have about your dataset?**

**What are some different ways you would like to look at your dataset? How might you order or filter it? Are there columns that you would like to compute?**

# Measuring Center

**Analyze at least two columns in your dataset, discussing the measures of center and what you can conclude from them.**

# Visualizing My Data

**Create at least one pie or bar and include it here. Describe the axes and provide a title. What does this chart tell us? Why did you choose this chart over a different kind of chart?**

**Create at least one frequency bar chart or histogram and include it here. Describe the axes and provide a title. What does this chart tell us? Why did you choose this chart over a different kind of chart?**

# Correlations

**Create at least two scatter plots and include them here. Describe their axes and provide titles. What kind of correlation do you see? Is it positive or negative? Strong or weak?**

**Are there any outliers in your dataset? Can you explain them?**

**After performing linear regression, what did you find? Be sure to include the direction and strength of the correlation, including the $r^2$ value and an explanation of what it means.**

# Conclusions

**What conclusions can you draw from these findings?**


**Why are your findings important, and how can they be used?**


**What new questions do your findings raise?**