DS 201X – homework 5

Create Bokeh interactive charts for Lemonade Sales

Sample of Bokeh chart: https://github.com/bokeh/bokeh-notebooks/tree/master/quickstart

More resources:

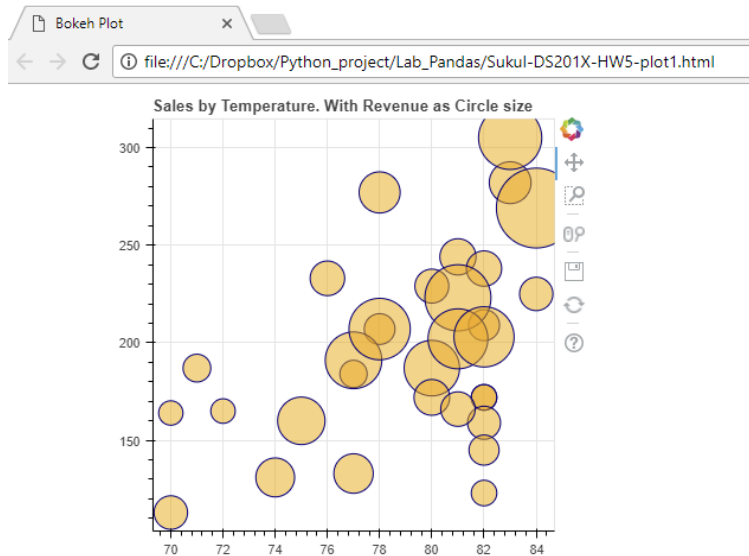Bokeh Github: https://github.com/bokeh/bokeh-notebooks

Documentation: https://bokeh.pydata.org/en/latest/docs/user_guide/plotting.html

Instruction:

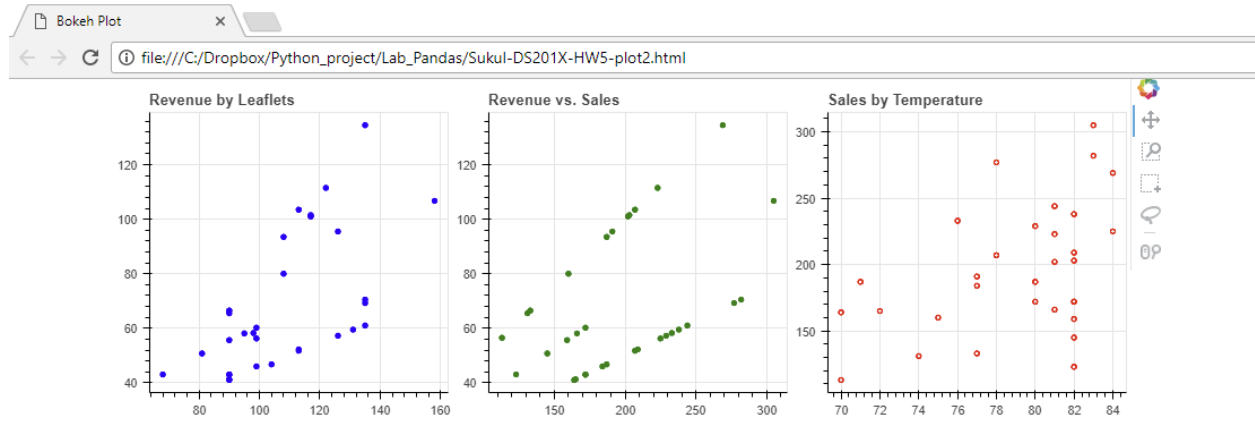Import the data from the **Lemonade2016-2.csv** to Pandas DataFrame

Create Bokeh Charts 1.
1. Create a Circle scatter-plot chart that shows **Temperature** on the X axis and **Sales** on the Y axis, with **Revenue/2** (assume that the cost to make a drink is 50%) as the circle size.
2. Fill with any color you like. Have the Fill alpha of 0.5
3. Save output file as output_file("Lastname-DS201X-HW5-plot1.html")

Create Bokeh Charts 2.
1. Create a **gridplot** of three scatter-plot charts
2. **Revenue by Leaflets, Revenue vs. Sales and Sales by Temperature**
3. Save output file as output_file("Lastname-DS201X-HW5-plot2.html")

Submit three files on Canvas:

1. **your Jupyter Notebook file (.ipynb file),**
2. **Lastname-DS201X-HW5-plot1.html**
3. **Lastname-DS201X-HW5-plot2.html**