

Instructions

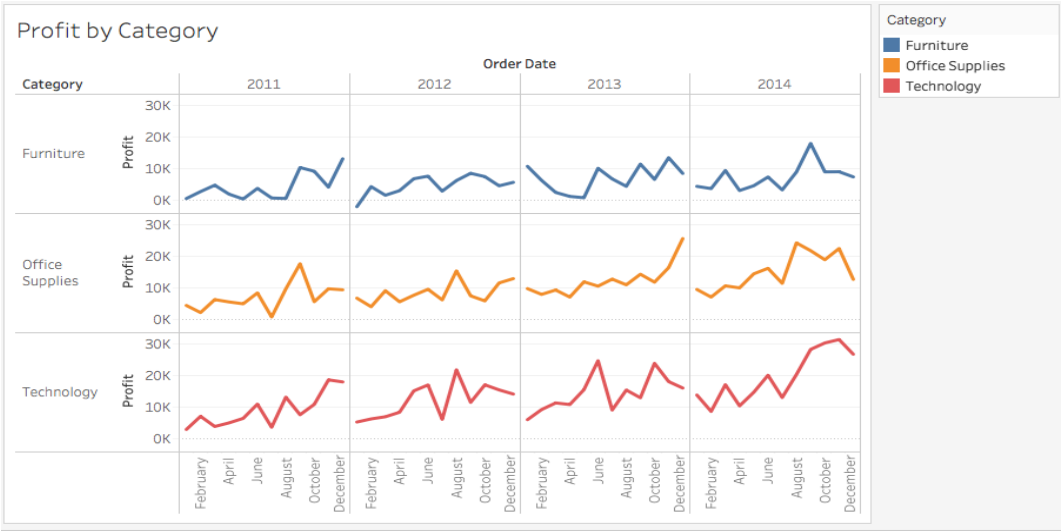
Instructions

- This homework assignment is worth 49 points.
- Please submit a **.twb** file for each exercise to Blackboard.
- **Please strive for clarity and organization.**
- **Due Date: February 9, 2024 by 11:59 pm.**

Exercise 1

Using the `Global Superstore.xls` do the following:

- (a) (3 points) Load the `Orders` sheet.
- (b) (5 points) Duplicate the chart shown below.



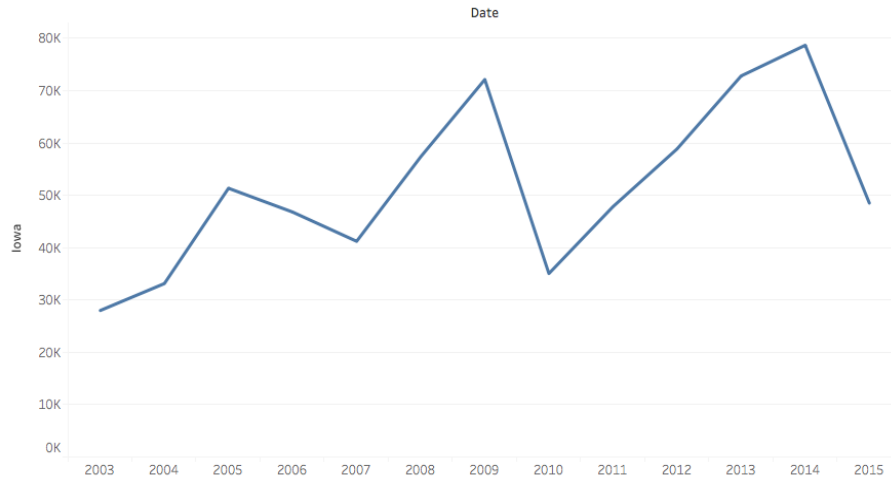
- (c) (5 points) Describe the graph from part (b) in the caption box.

Exercise 2

For this exercise we will use the Google Flu Trends dataset. Each week begins on the Sunday (Pacific Time) indicated for the row. Data for the current week will be updated each day until Saturday (Pacific Time). There are weekly flu information for different countries, but we will use US dataset.

- (a) (3 points) Load the `flu.csv` file to tableau.
- (b) (5 points) Duplicate the chart shown below.

Historical Flu Cases in Iowa

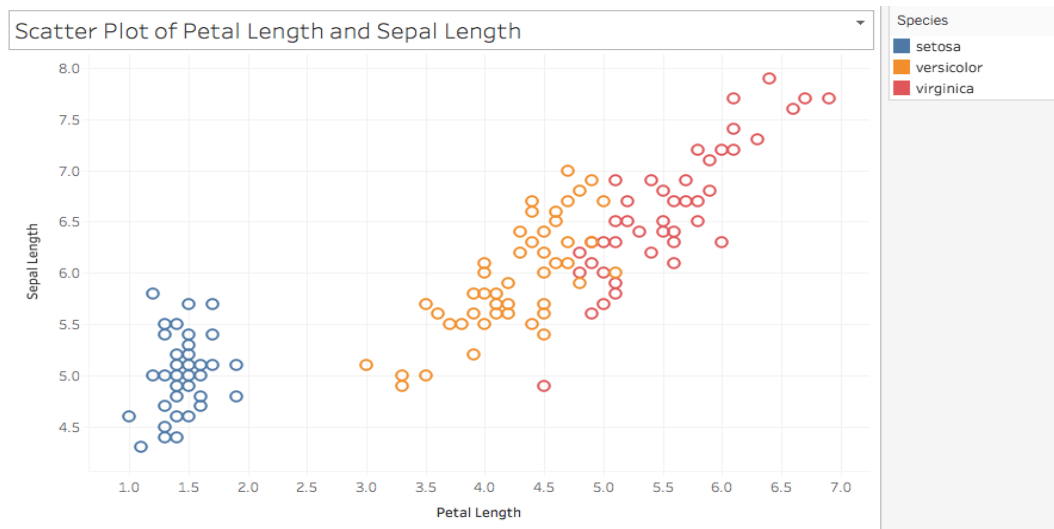


- (c) (3 points) How many flu cases were in Iowa in 2014?
- (d) (3 points) Which month saw the maximum number of flu cases in 2014 in Iowa?
- (e) (5 points) Create a seasonal plot of monthly flu cases in Iowa by mapping the number of monthly flu cases to the y axis and using Month on the x axis. Use year to color the lines.
- (f) (3 points) Describe the graph from part (e) in the caption box.

Exercise 3

The data set contains 3 classes of 50 instances each, where each class refers to a type of iris plant.

- (a) (3 points) Load the `iris.txt` file to tableau.
- (b) (3 points) Rename the columns. Use the following labels: F1 → Sepal Length, F2 → Sepal Width, F3 → Petal Length, F4 → Petal Width, F5 → Species.
- (c) (5 points) Duplicate the chart shown below.



(d) (3 points) Describe the graph from part (c) in the caption box.

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¹Make sure you submit a `*.twb` file in Blackboard.