

1. Using the `Global Superstore.xls` datafile, do the following:
  - (a) (3 points) Load the `Orders` sheet.
  - (b) (6 points) Create a filled map that show the average profit in each state of the US. Also, include the order date as a slide filter. Make sure that for a given selection of a range of dates the average profit is adjusted.
  - (c) (6 points) In a different worksheet, create a line chart that shows sales of the three product categories over time.
  - (d) (5 points) Add the chart from part (c) to the chart from part (b) as a `Tooltip`. Make sure the slide date filter also applies to the `Tooltip` chart.
  - (e) (4 points) Report the average profit in Iowa between 03/27/2012 and 08/08/2014?

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<sup>1</sup>Make sure you submit a `*.twb` file in Blackboard.