



# Activities

## Activity 7

1. Connect to the HPIRegions spreadsheet (note: not the HPIAdmin spreadsheet) in the SourceDataf workbook.
2. What is the range of the field SalesVolume? Create a histogram to find out.
3. Change the "SalesVolume (bin)" so that there is a bar every 500.
4. Create a heat map, with
  - "Year(Date)" on the Rows shelf
  - "Quarter(Date)" on the Columns shelf
  - "SUM(SalesVolume)" as the color and label marks.
5. Change it to a tree map, and remove the "Quarter(Date)" field.
6. Create a new viz, with
  - "Year(Date)" on the Columns shelf, and
  - "SUM(SalesVolume)" and "Avg(AveragePrice)" on the Rows shelf.

Put them on the same graph, using the same synchronized scale.
7. Create a new scatter graph viz, with
  - Avg(AveragePrice) on the Columns shelf,
  - Sum(SalesVolume) on the Rows shelf, and
  - Month(Date) in the Detail.
8. Now add Year(Date) to the Pages shelf. Create a motion graph, showing the History for all marks, and using Both Trails and Marks.
9. Create a dashboard, using the vizzes that you have just created.