



Activities

Activity 8

- Connect to the HPIRegions spreadsheet (note: not the HPIAdmin spreadsheet) in the SourceData workbook.
- Create a viz showing a table, with the Sum(SalesVolume) per year, per region.
- Create a calculated field IsNotLondonOrEngland, which returns 0 when the RegionName is London or England, and 1 for other Regions. (Hint: you can use CASE or IF or IIF)
- Add IsNotLondonOrEngland into Color. When IsNotLondonOrEngland is 0, the color should be red; when it is 1, the color should be blue.
- Create a calculated field, which returns the SalesVolume except when the RegionName is London or England, when it should return 0. (Hint: you can use CASE, IF or IIF, but it's easier to multiply two measures together. Try and work out which ones).
- Use this new calculated field in the table, instead of Sum(SalesVolume).
- Add a Grand Total.
- Expand the date field to Quarters, and add a subtotal which calculates the total per year.
- Create a new calculated field, which shows the total amount spend on houses (AveragePrice multiplied by SalesVolume). Use this in the table, instead of the previous measure.
- Expand the Year(Date) field three times. You will see that the date is the first of the month. Create a new calculated field which gives the 28th day of the month instead. Use this field in the viz instead, and check that this works by expanding it three times again.