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## Exercise 4: Trend Report

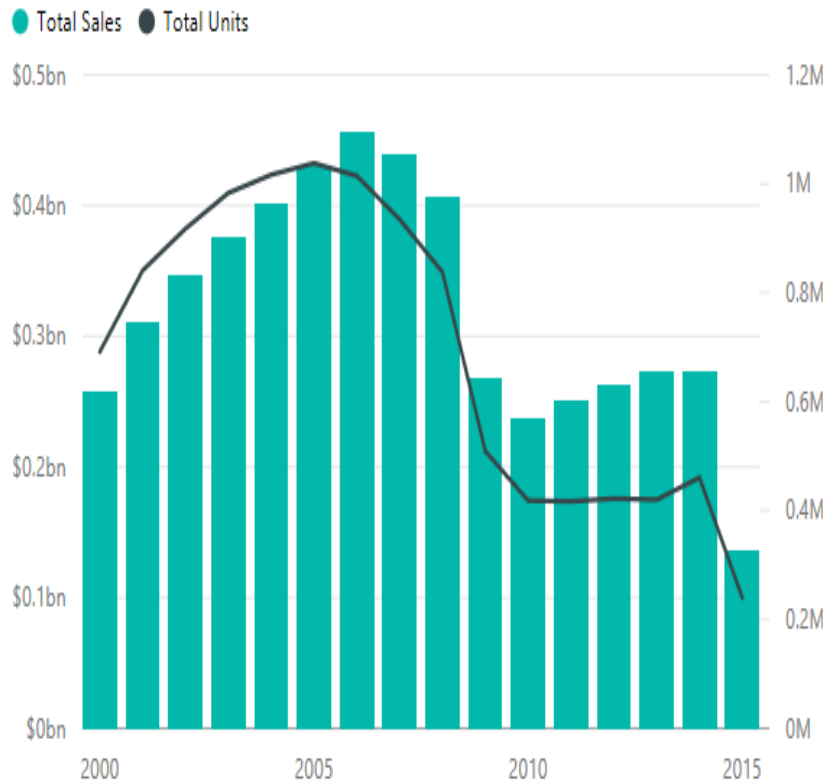
Let's do some trend analysis. First let's show a chart to compare Total Sales and Total Units throughout the years. And then let's show two more charts showing the Total Sales and Total Units variances throughout the years.

1. Create a new report page by clicking the Yellow "+" icon at the bottom of the report view.
2. Drag the **Year** field from the **Date** table to the report and create the first chart.
3. Drag the **Total Sales** and **Total Units** fields from the **Sales** table to the chart.
4. Modify the chart to use the **Line and Stacked Column Chart** visualization.
5. Ensure that the **Year** is shown as the **Shared Axis**, **Total Sales** is shown as the **Column values**, and **Total Units** is shown as the **Line values** of the visualization.
6. Create the second chart based on the **Waterfall Chart** visualization.
7. Drag the **Sales Var** field from the **Sales** table to the chart.
8. Drag the **Year** field from the **Date** table to the chart.
9. Create the third chart, also based on the **Waterfall Chart** visualization.
10. Drag the **Total Units Var** field from the **Sales** table to the chart.
11. Drag the **Year** field from the **Date** table to the chart.
12. Add a Text Box to the report and enter **Yearly Trend** as the text.
13. Rename the report sheet to **Yearly Trend**.

You should have something similar to the below:

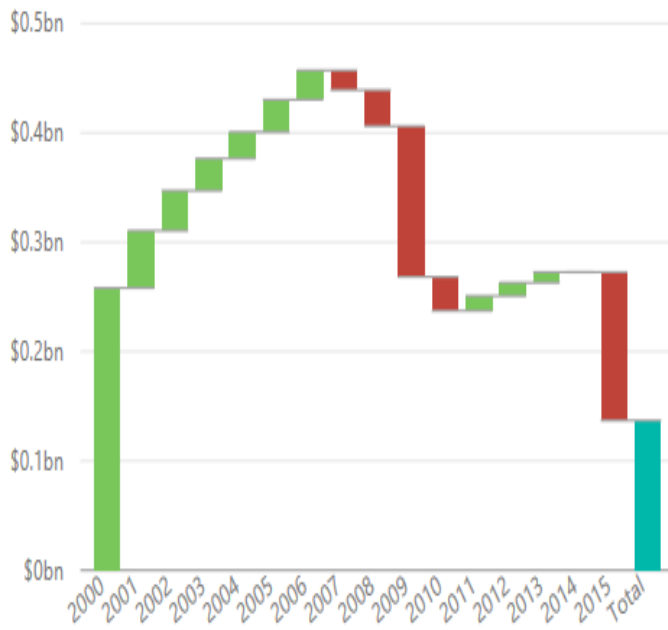
# YEARLY TREND

Total Sales and Total Units by Year



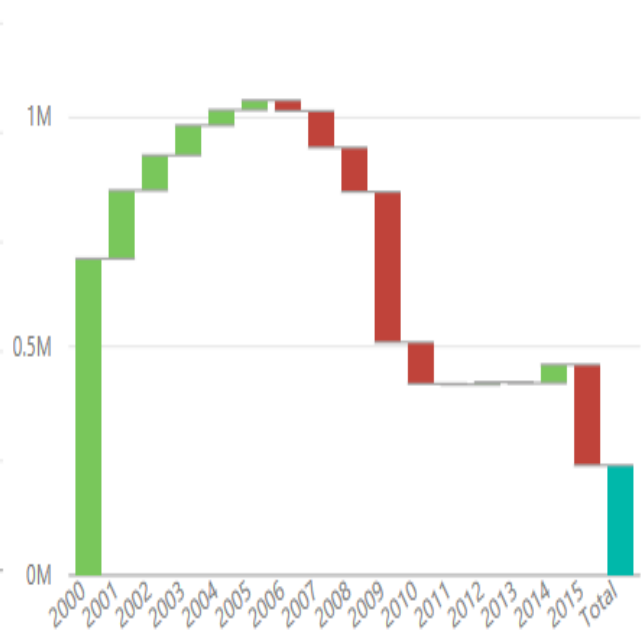
Sales Var by Year

Legend: Increase (Green Bar), Decrease (Red Bar), Total (Teal Bar)



Total Units Var by Year

Legend: Increase (Green Bar), Decrease (Red Bar), Total (Teal Bar)



## Lab Question 1

2.0/2.0 points (graded)

In which year the growth of total sales were not matched by the growth of total units?

☐ 2005

☒ 2006 ✓

☐ 2007

☐ 2008

Submit

You have used 1 of 2 attempts

## Lab Question 2

4.0/4.0 points (graded)

Which year saw the biggest drop in total sales?

☐ 2007

☐ 2008

☒ 2009 ✓

☐ 2010

What about total units? Which year saw the biggest drop in total units?

☐ 2007

☐ 2008☒ 2009 ✓☐ 2010

You have used 1 of 2 attempts

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