

# Enhancing the Data Model

---



**Stacia Varga**

PRINCIPAL CONSULTANT

@\_StaciaV\_ [blog.datainspirations.com](http://blog.datainspirations.com)



# Overview



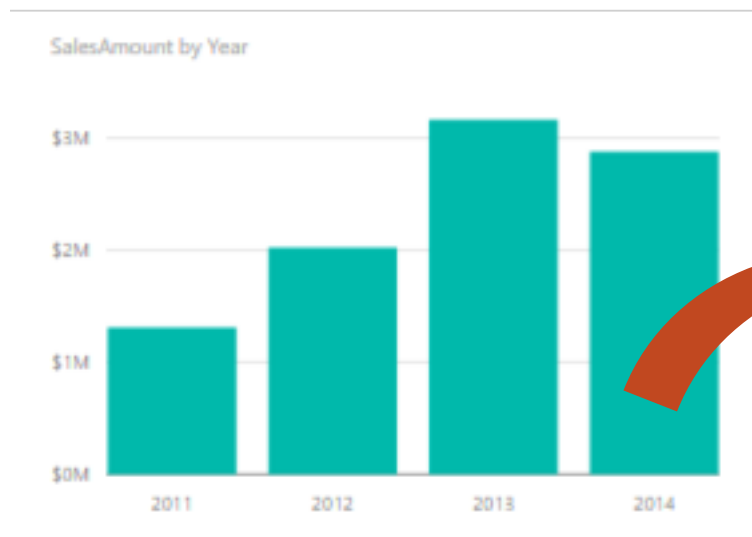
**Defining hierarchies**

**Configuring properties**

**Defining new measures**



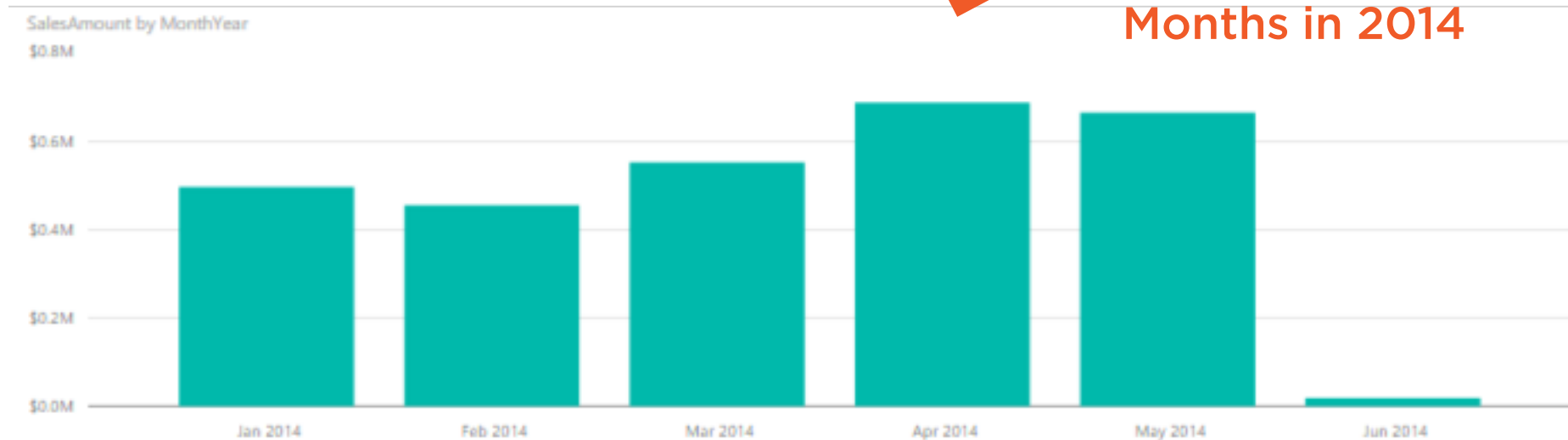
# Defining Hierarchies



Year 2014

## Hierarchy Definition

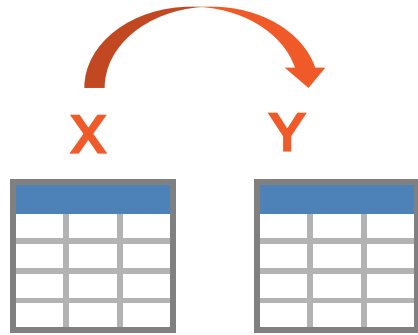
<input type="checkbox"/>	Dates
<input type="checkbox"/>	Year
<input type="checkbox"/>	MonthYear
<input type="checkbox"/>	Date



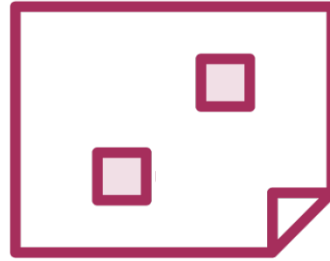
Months in 2014



# Configuring Properties



Object Names



Hidden Objects



Sort Order



Data Types &  
Categories



Format



Summarization

# Defining New Measures

Customer Count =  
DISTINCTCOUNT([BusinessEntityID])

Pct of Total Customers = [Customer Count]/  
CALCULATE([Customer Count],  
All('Customer'))

Total Sales = SUM([SalesAmount])

Prior Year Sales = CALCULATE([Total Sales],  
PREVIOUSYEAR('Date'[Date]))

◀ **Count all the unique customers in the table**

◀ **Divide the customer count by the unfiltered count of all customers**

◀ **Aggregate SalesAmount by using a SUM function**

◀ **Filter sales related to one year by the previous year and sum the results**



# Summary



**Defining hierarchies**

**Configuring properties**

**Defining new measures**

