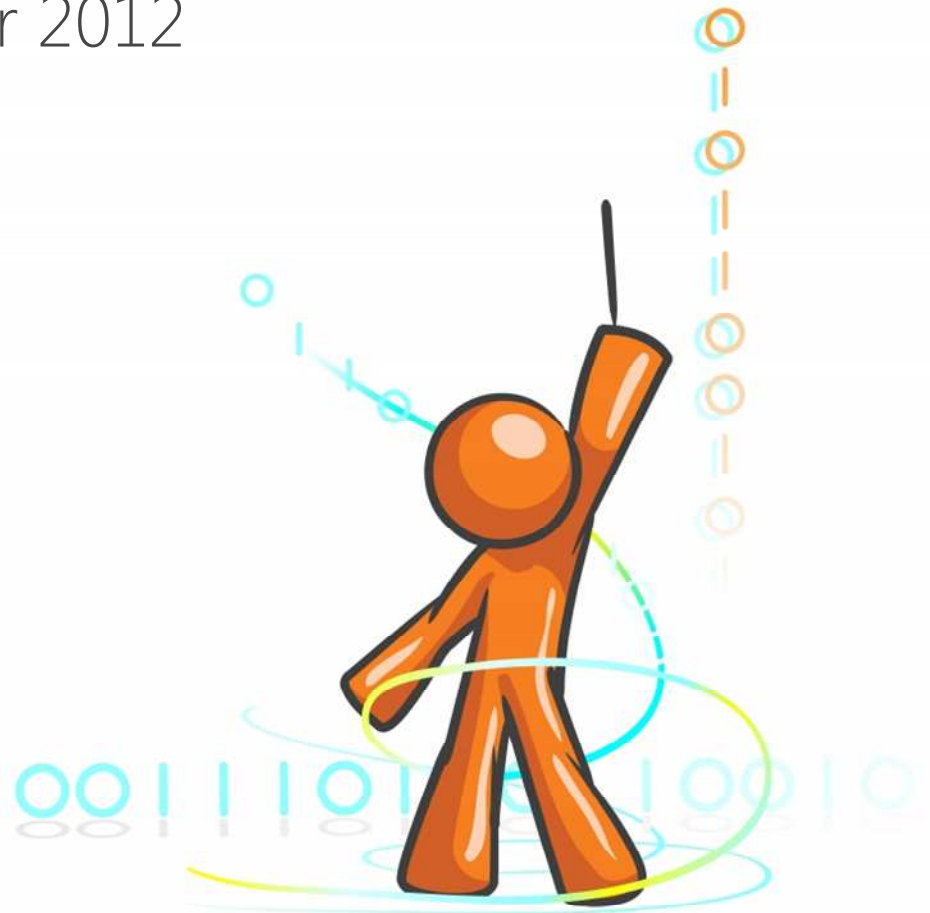


BI med SharePoint 2013

SQLBI møde 19. december 2012

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Just Thorning Blindbæk

- ▶ Konsulent i justB
- ▶ Underviser hos Orange Man
- ▶ Arbejdet med Microsoft BI i 7 år
- ▶ Stærkt fokus på front-end
 - Analysis Services
 - Reporting Services
 - PerformancePoint Services
 - Excel og PowerPivot
- ▶ just@blindbaek.dk / blog.justB.dk

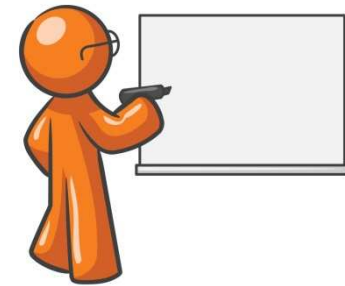


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Microsoft
CERTIFIED
IT Professional

Microsoft
CERTIFIED
Trainer

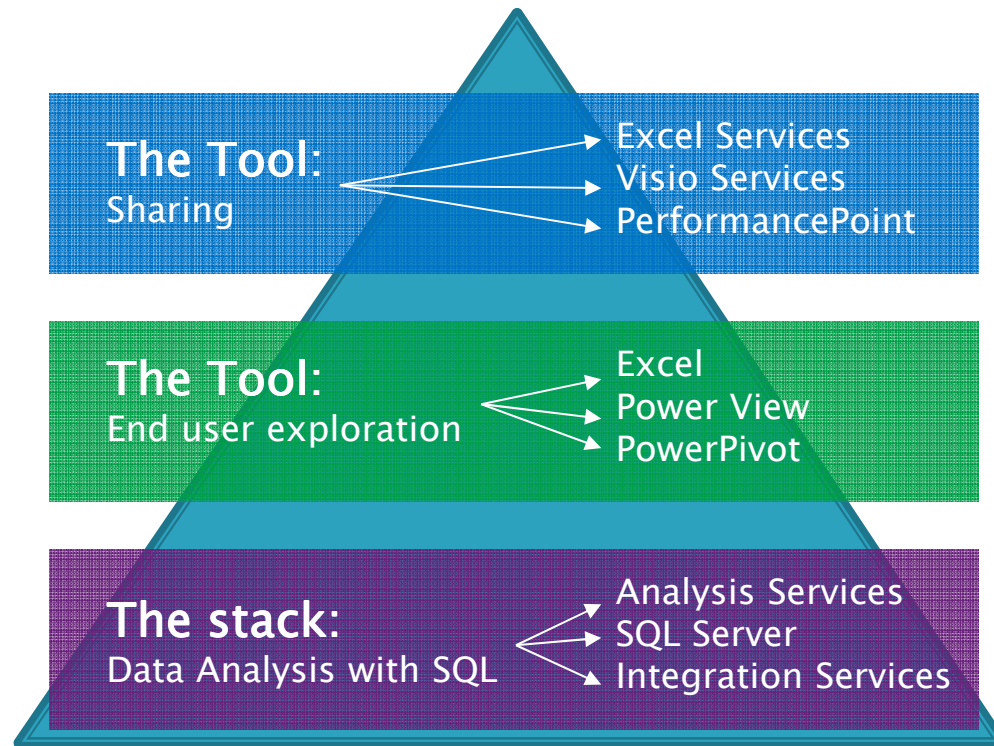
Agenda



- ▶ SharePoint 2013 som BI portal
- ▶ Excel Services
- ▶ PerformancePoint Services
- ▶ Reporting Services Integration
- ▶ Power View
- ▶ Hvad er fordele og ulemper ved de forskellige teknologier og hvordan kan de spille sammen.

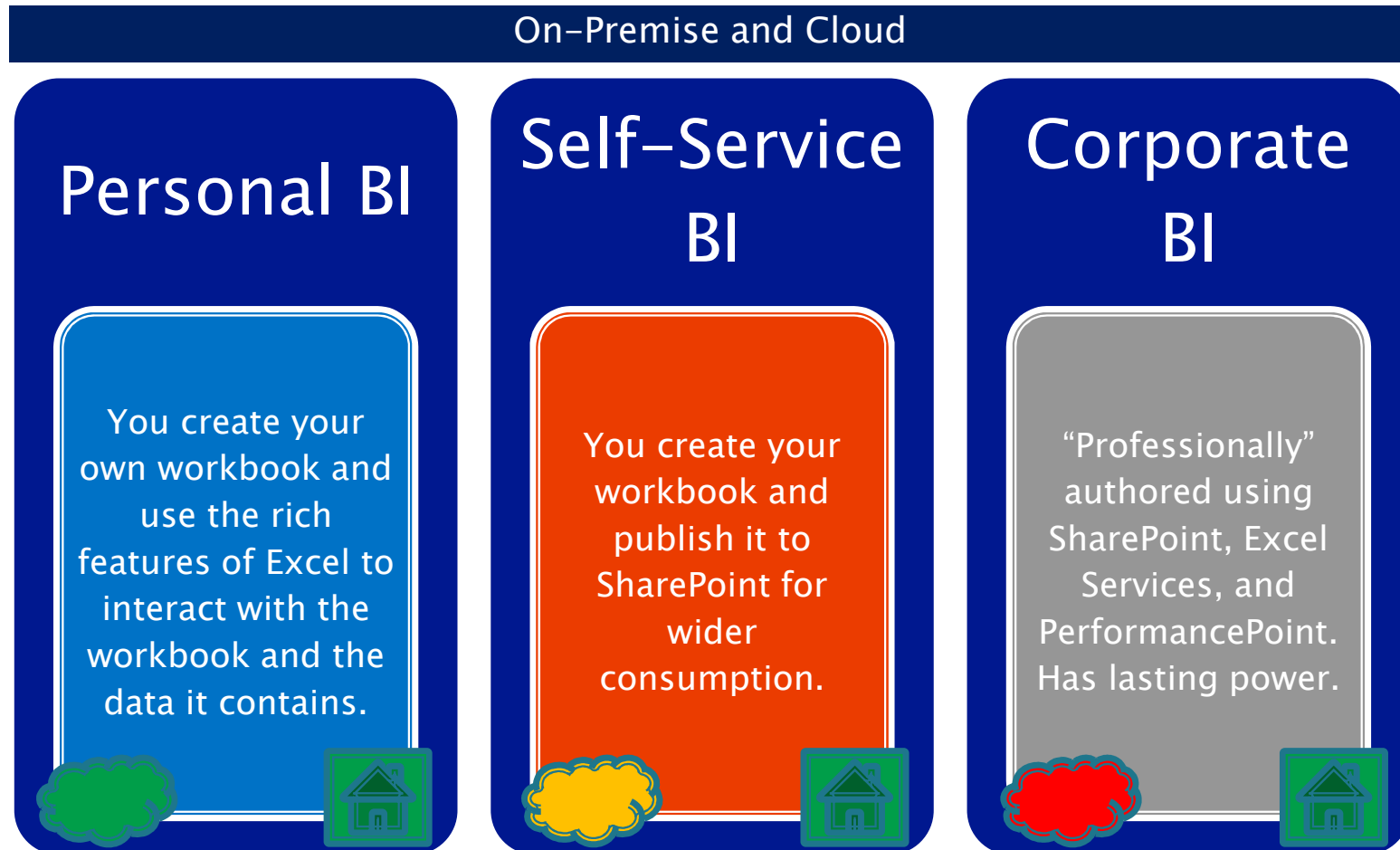
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Office BI Strategy



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Flavors of BI



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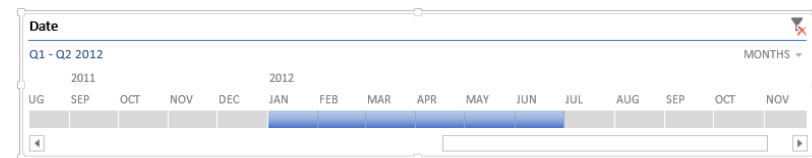
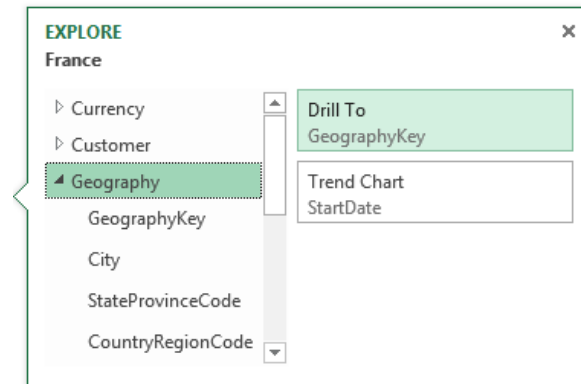
What's New in Excel Services

► Features

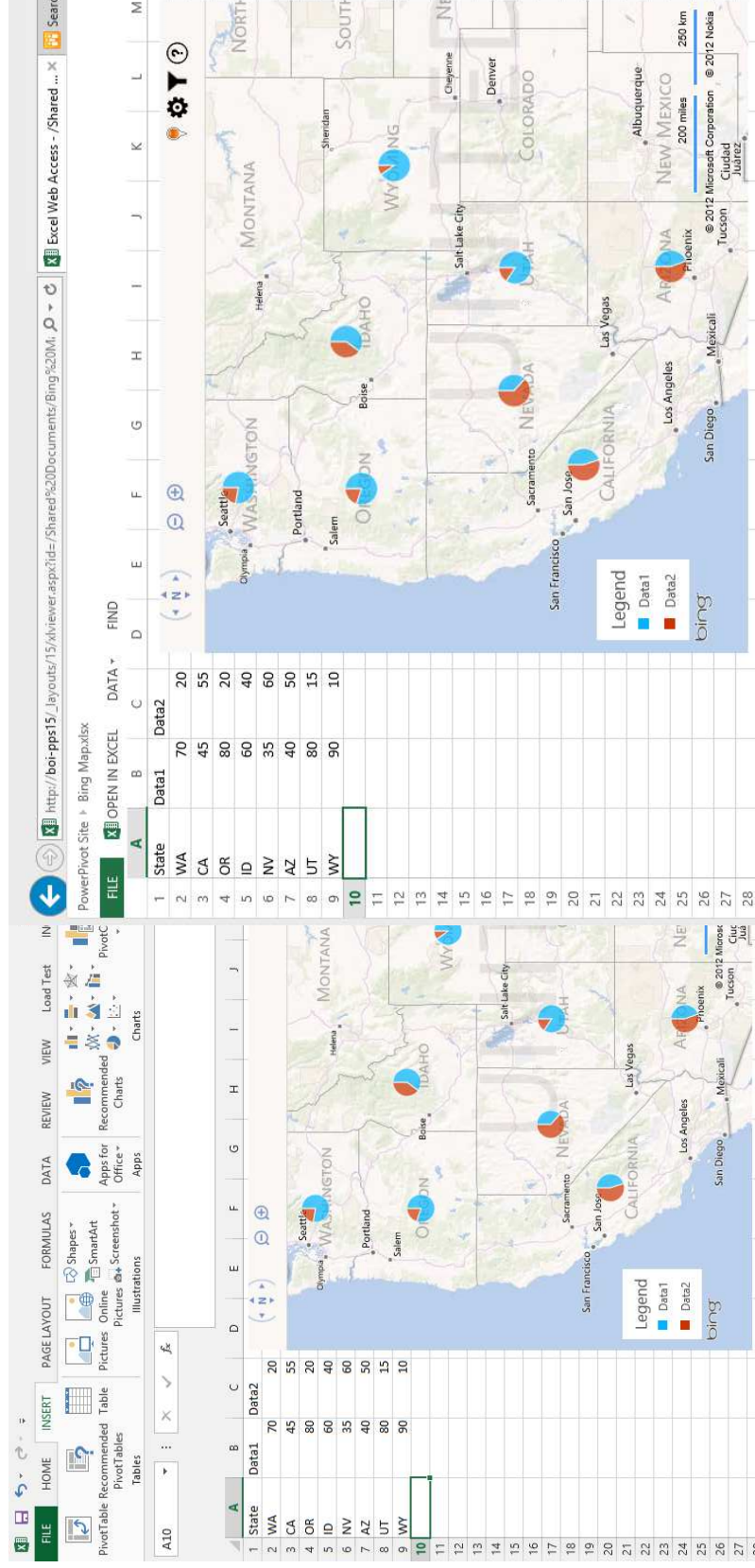
- Power View
- PivotTable Field List/Field Well
- Timeline Slicers
- Quick Explore
- 3D charts
- Apps for Office
- Named Object View v2

► Tech stuff

- EffectiveUsername
- Automatic Target App Creation
- BI Server



Client Fidelity = Browser Fidelity



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What's New in PerformancePoint

- ▶ Themes
- ▶ Dashboard Designer in the ribbon (BI Center)
- ▶ Filter Enhancements
- ▶ Filter Search
- ▶ EffectiveUsername
- ▶ Custom Target Applications
- ▶ Server-side Migration
- ▶ Dashboard Designer Authentication

PerformancePoint Services evolution

Before SharePoint – Business Scorecard Manager 2005 (BSM)

- Data Analyzer acquired in 2001
- Monitoring and analytics

SharePoint 2007 – PerformancePoint Server (PPS)

- ProClarity acquired in 2006
- Two products. Planning Server and Monitoring Server – both separate from SharePoint

SharePoint 2010 – PerformancePoint Services

- Back to only monitoring and analytics
- The next generation Performance Management application

SharePoint 2013 – PerformancePoint Services

- Monitoring and analytics
- Focus is on Enterprise Business Intelligence

SharePoint 2016?

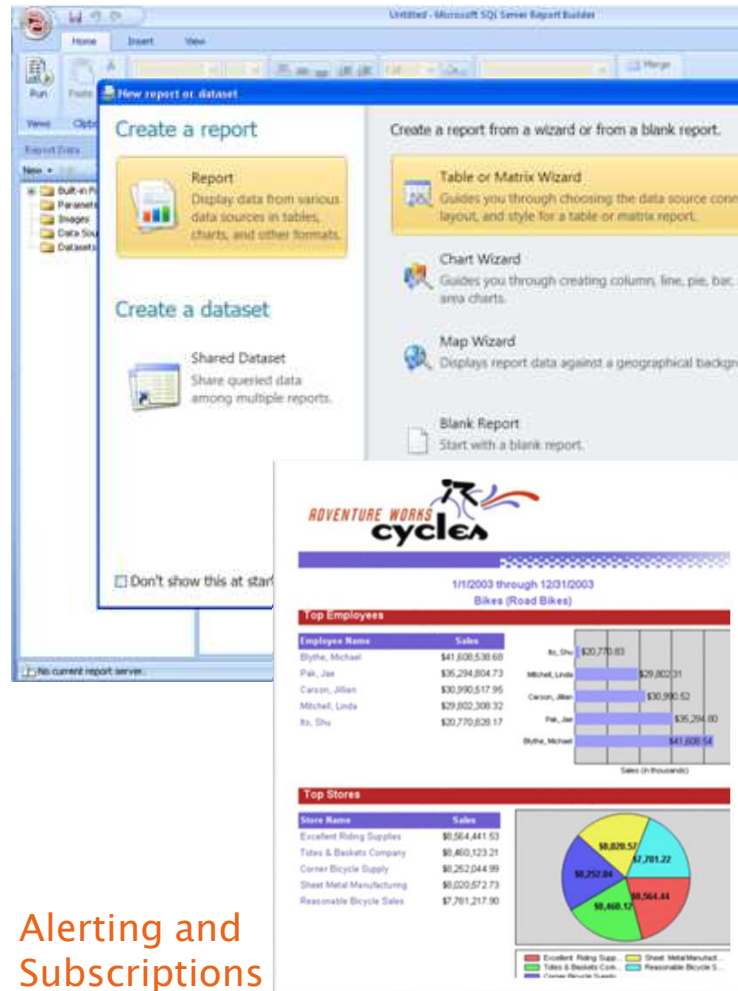
- Replaced by Excel Services?

What's New in Reporting Services

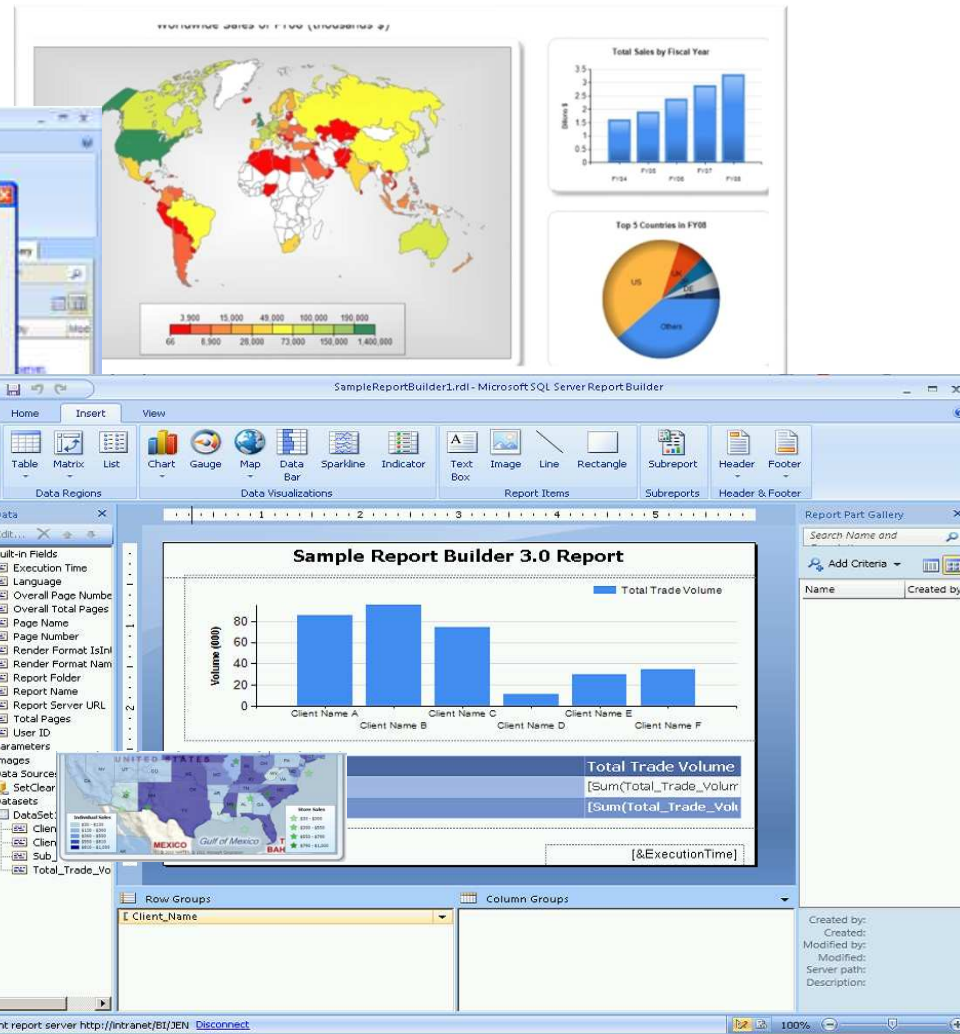
- ▶ User defined Self-Service alerting (Data Alerts)
- ▶ Mobile viewing support on Windows and IOS iPad tablets
- ▶ Report Data Feeds for delivering data as a service
- ▶ Support for new report export file formats
 - Word rendering to *.docx format
 - Excel rendering to *.xlsx format
- ▶ Feature parity with existing Word and Excel renderers
- ▶ Added ZIP-compressed files
- ▶ Larger worksheets in Excel
 - 65k -> 1M rows
 - 256 -> 16k columns
- ▶ More colors, theming and branding in Excel
 - 56-color palette -> 24-bit color (16M colors)

Charts, KPIs, Sparklines, Gauges and Geospatial Mapping

Report Builder Easy to use Wizards



Alerting and
Subscriptions

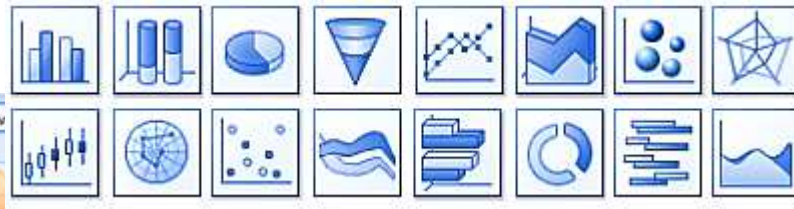


Operational and Self-Service
Ad-Hoc Report Authoring

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Maps

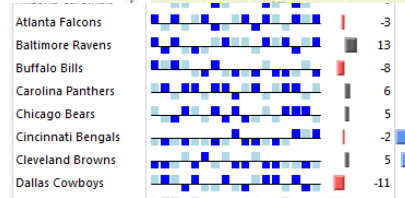
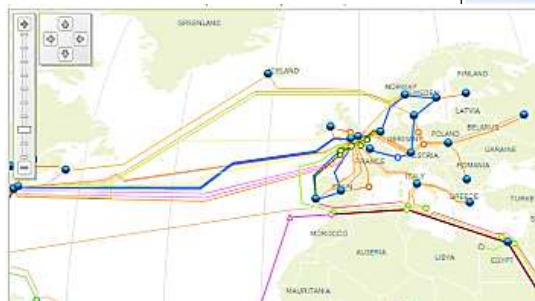
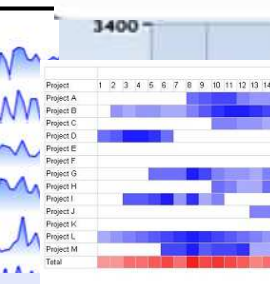
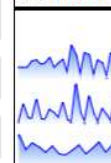
Bar, Line, Pie, Scatter, Area
and other chart types



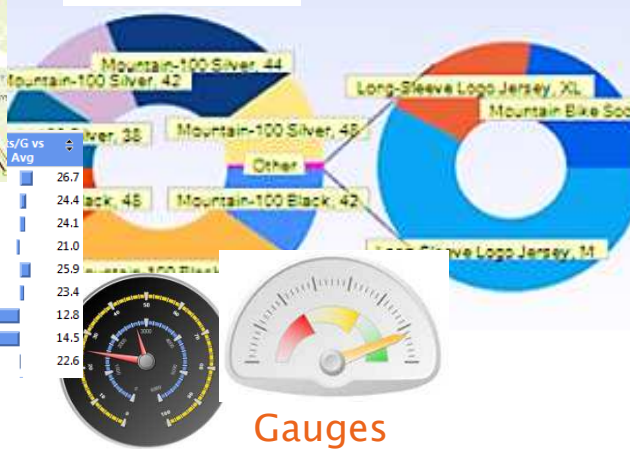
Bullet
Charts



Sales Trend

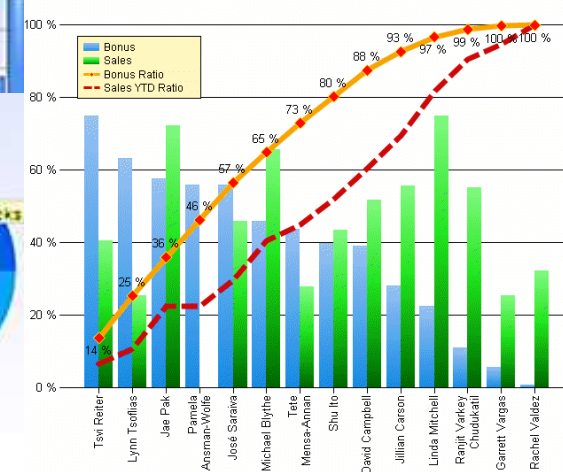


Sparklines



Gauges

Sales Employees - Bonus vs. SalesYTD



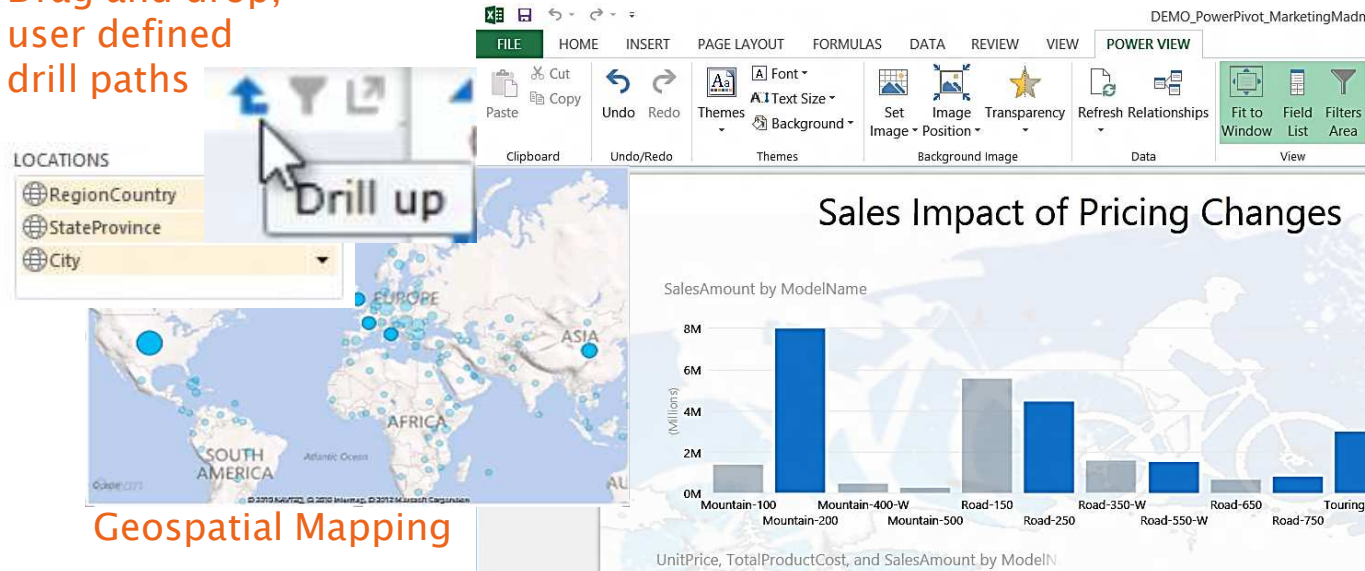
Pareto Charts

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Power View

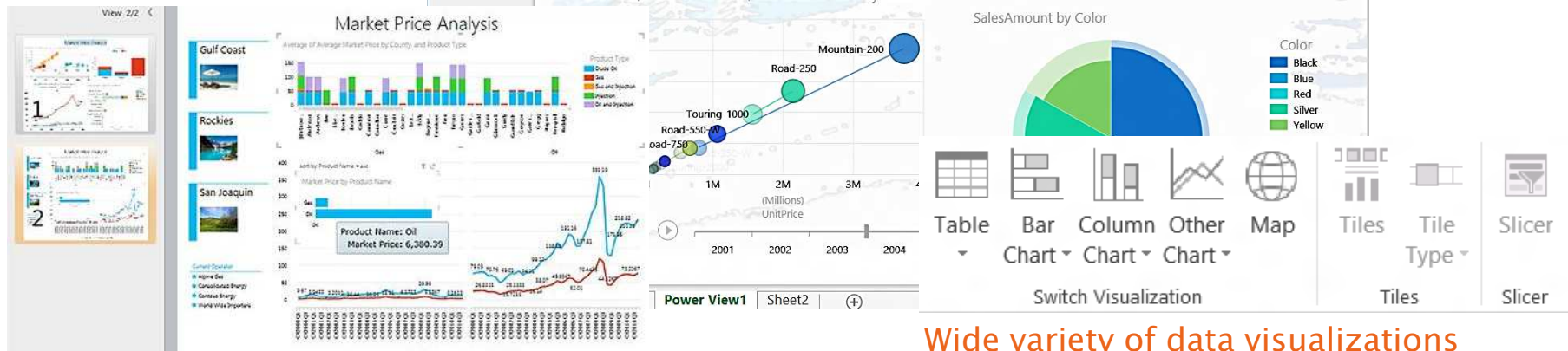
Easily develop fully interactive reports

Drag and drop,
user defined
drill paths



Geospatial Mapping

What-If type
analysis with
filtering



Wide variety of data visualizations

Save or export multiple views to PowerPoint

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Types of Power View reports

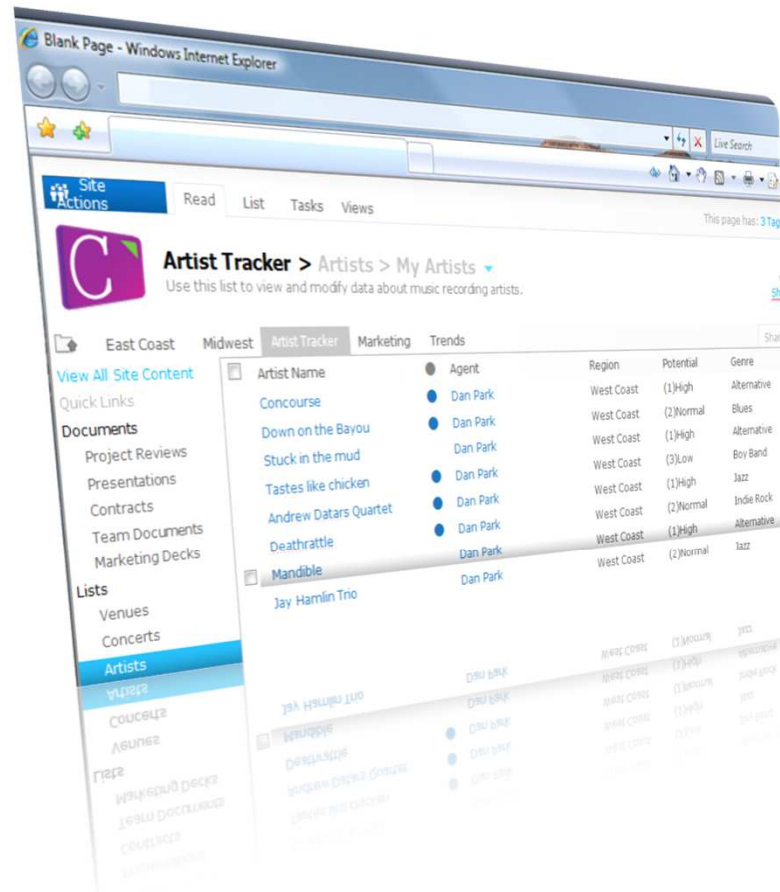
- Power View report
 - .rdlx file
 - Contains only Power View sheets
 - Doesn't contain a data model
 - All sheets connect to same external model
 - Can connect to Multidimensional
 - Export to PowerPoint
- Excel workbook
 - .xlsx file
 - Can contain traditional Excel sheets and Power View sheets
 - Can contain a data model
 - Sheets can connect to the embedded data model or external models
 - Different sheets can connect to different models

Power View feature comparison

	Excel	Excel Web App	Reporting Services
Design reports	Yes	No	Yes
Interact with reports	Yes	Yes	Yes
Visualizations	All	All	All
Cross-visualization interactivity	Yes	Yes	Yes
Max. workbook size	Client limits	SharePoint limits (Office 365: 10 MB)	SharePoint limits
Embedded data model	Yes	Yes	No
External data models	Yes	Yes (Office 365: No)	Yes
Multiple models	Yes	Yes (Office 365: No)	No
Multidimensional models (cubes)	No	No	Yes
Reorder Power View sheets	No	No	Yes
Reading and Full-Screen modes	No	No	Yes
Zoom	No	Browser zoom	Browser zoom
External images	Yes	Yes (Office 365: No)	Yes
Export to PowerPoint	No	No	Yes

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Business Connectivity Services



- ▶ Eksterne data som en SharePoint liste
 - Budget data
 - Sort columns
 - Lookup tables
 - Dimension attributes
- ▶ CRUD (Create, Read, Update, Delete)
- ▶ Nem UI og navigation
- ▶ Sorter, filtrer og grupper

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Sammenligning af tools

		Performance Point Services	Reporting Services	Excel Services	Power View
Reporting	Integrated dashboard on BI Portal	x			
	Distribution		x		
	Print		x		
	Export		x		(x)
	Standard report		x	X	
	Pixel perfect (customized) reporting		x	(x)	
Functionality	Change measures (predefined set)	x		x	
	Change pivoting (predefined set)	x		x	
Interactivity	Drill through (predefined path)	x	(x)		(x)
	Pivoting (predefined path)	x	(x)	x	(x)
	Decomposition	x			
Data sources	OLAP Multidimensional	x	x	x	x
	OLAP Tabular	x	x	x	x
	Relational	(x)	x	(x)	
	Excel	(x)	(x)	(x)	
	Other	(x)	x	(x)	

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Opsamling og spørgsmål

- ▶ Excel Services
- ▶ PerformancePoint Services
- ▶ Reporting Services Integration
- ▶ Power View

Flere ressourcer

- ▶ SharePoint 2013 on MSDN:
<http://msdn.microsoft.com/en-us/library/jj162979.aspx>
- ▶ Business intelligence for SharePoint 2013 IT pros:
<http://technet.microsoft.com/en-us/sharepoint/fp142398.aspx>
- ▶ SharePoint 2013 BI video:
<http://channel9.msdn.com/posts/SharePoint-2013-BI>
- ▶ Online Power View demos:
<http://www.microsoft.com/en-us/bi/getmicrosoftbi/tryit.aspx>
- ▶ The Excel Button: <http://www.excelmashup.com/>
- ▶ Official PerformancePoint Services blog:
<http://blogs.msdn.com/b/performancepoint/>