

Data Analysis & Visualization

Power Pivot and Power Query

Power Pivot and Power Query			
Data Modelling with Power Pivot & Power Query			<ul style="list-style-type: none"> Split Columns
1	Formatting Excel Data for Power Pivot		<ul style="list-style-type: none"> Merge Columns
	<ul style="list-style-type: none"> Remove blank Rows/Columns 		<ul style="list-style-type: none"> Remove Columns
	<ul style="list-style-type: none"> Add unique Column Headers 		<ul style="list-style-type: none"> Filter Rows
	<ul style="list-style-type: none"> Convert to Dynamic Range 	5	Create Custom Columns vs Measures
2	Enable Power Pivot and Power Query in Excel 2010,2013 and 2016	6	Combine data from multiple Tables. Merge vs Append
3	Extract Data from different Data sources	7	Manage Relationships (True V-Lookup)
	<ul style="list-style-type: none"> Files like Excel, CSV, Folder 	8	Load: Load Data to Data Model in a compressed form using xVelocity Engine
	<ul style="list-style-type: none"> Databases like SQL Server, MS Access etc. 	9	Create Measures
	<ul style="list-style-type: none"> Web Pages 	10	Insert Pivot table/Charts from Power Pivot
4	Transform	11	Refresh Data
	<ul style="list-style-type: none"> Rename Objects 		

Charts

1	What is Chart?	6	Pie Charts
2	What all required to create a Chart?		Pie
3	Charts Terminology		3D Pie
4	Column Chart		Pie of Pie
	Clustered Column		Bar of Pie
	Stacked Column		Doughnut
	100% Stacked Column	7	Bar Charts
	3-D Clustered Column		Clustered Bar
	3-D Stacked Column		Stacked Bar
	3-D 100% Stacked Column		100% Stacked Bar
	3-D Column		3-D Clustered Bar
5	Line Charts		3-D Stacked Bar
	Line		3-D 100% Stacked Bar
	Stacked Line	8	Area Charts
	100% Stacked Line		Area
	Line with Markers		Stacked Area
	Stacked Line with Markers		100% Stacked Area
	100% Stacked Line with Markers		3-D Area
	3-D Line		3-D Stacked Area

	100% 3-D Stacked Area		Wireframe Contour
9	Scatter Charts	14	Radar Charts
	Scatter		Radar
	Scatter with Smooth Lines and Markers		Radar with Markers
	Scatter with Smooth Lines		Filled Radar
	Scatter with Straight Lines and Markers	15	Funnel Chart
	Scatter with Straight Lines	16	Waterfall Chart
10	Bubble Charts	17	Pareto Chart
	Bubble	18	Step Chart
	3-D Bubble	19	Thermometer Chart
11	Map Chart	20	Waffle Chart
	2-D Map Chart	21	Tree map Chart
	3-D Map Chart	22	Histogram
12	Stock Charts	23	Band Chart
	High-Low-Close	24	Combo Charts
	Open-High-Low-Close		Clustered Column-Line
	Volume-High-Low-Close		Clustered Column-Line on secondary axis
	Volume-Open-High-Low-Close		Stacked Area-Clustered Column
13	Surface Charts		Custom combinations
	3-D Surface	25	Lollipop chart
	Wireframe 3-D Surface	26	Speedometer (Gauge)
	Contour		

Dashboards

1	HR Analytics Dashboard
2	Calls Analysis Dashboard
3	Sales Analysis Dashboard
4	Project Management Dashboard

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