



Power BI #3: Visualise Your Data Story with Dashboards

This is the 3rd course in the Power BI Trilogy.

What will you learn?

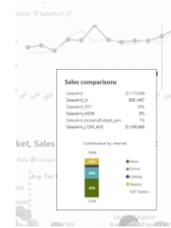
- Apply design principles to create effective charts.
- Create interactive reports that show different views fast.
- Save time and effort when creating and updating reports.
- Influence and persuade C-level decision-making.
- Get insights on-the-go via web and mobile dashboards.

Who is it for?

Analysts, managers and executives who often build dashboards and reports in Microsoft Excel, Power BI, or other tools. In particular, finance, business, and customer insights analysts love it!

What's so awesome about it?

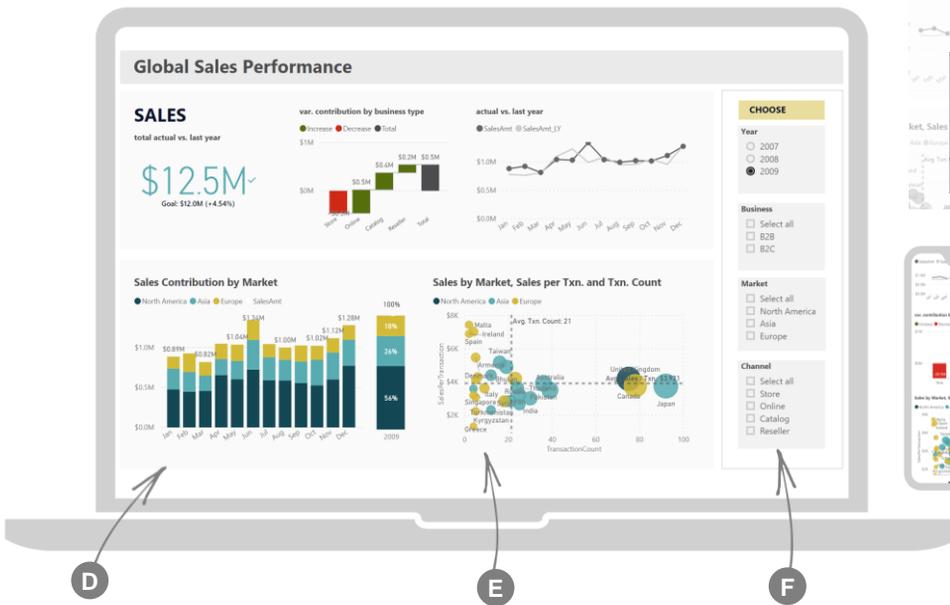
A Get the step-by-step design principles to tell powerful data stories



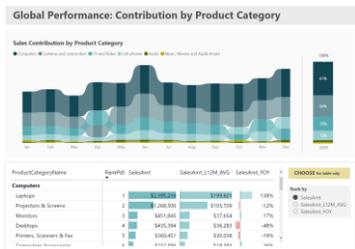
B Get more details only upon mouseover to keep it clutter-free



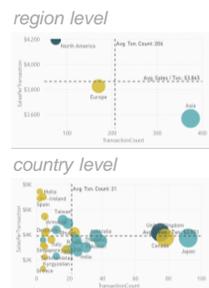
C Share and get mobile-friendly reports on-the-go



D Drill through to related report to understand from a different lens



E Drill down to investigate details layer by layer



F Slice-and-dice on demand to answer questions from multiple angles



Play

with this dashboard now!
<http://bit.ly/playwithdashboard>

What will it cover?

Learn how to...	Design Principles / Power BI tools
<p>1. Experience how awesome Power BI is</p> <ul style="list-style-type: none"> ▪ Unlock possibilities with Power BI ▪ Learn the 3 core elements that make up Power BI ▪ Appreciate implications of starting with the right questions 	<ul style="list-style-type: none"> ▪ Test drive a finished interactive dashboard with a case study ▪ Connect to data sources, set up data model, calculate metrics
<p>2. Plan your dashboard 01</p> <ul style="list-style-type: none"> ▪ Set your intent for what you want to communicate ▪ Understand your audience and the context ▪ Familiarise yourself with hands-on dataset and metrics ▪ Crystallise business questions into specific questions ▪ Differentiate between attributes, metrics, measure 	<ul style="list-style-type: none"> ▪ Use framework to understand audience ▪ Use framework to establish context and narrow focus ▪ Identify attributes, metrics, measures in Power BI
<p>3. Plan your dashboard 02</p> <ul style="list-style-type: none"> ▪ Choose right charts to answer different questions ▪ Avoid charts that mislead ▪ Sketch possible charts to answer questions 	<ul style="list-style-type: none"> ▪ Use possible question-visualisation pairs to answer ▪ Perception accuracy of visual cues
<p>4. Visualise your data</p> <ul style="list-style-type: none"> ▪ Storyboard a common thread through your visuals ▪ Iterate data exploration ▪ Translate your sketched storyboard into digital form 	<ul style="list-style-type: none"> ▪ Use framework to link up visual elements seamlessly ▪ Create commonly used charts e.g. Line, Bar, Waterfall, Scatter, KPI cards, Table, Heatmap
<p>5. Make clear your visualisations 01</p> <ul style="list-style-type: none"> ▪ Get rid of clutter ▪ De-emphasize visual references ▪ Make visuals easy to understand correctly 	<ul style="list-style-type: none"> ▪ Pre-attentive attributes ▪ Principles of visual perception ▪ Formatting
<p>6. Make clear your visualisations 02 #CannotDoInExcel</p> <ul style="list-style-type: none"> ▪ Highlight what is important for your audience ▪ Enrich charts with meaningful built-in reference lines ▪ Conditionally format charts using measures ▪ Keep charts clutter-free yet display lots of additional measure information with simple mouseover 	<ul style="list-style-type: none"> ▪ Chart titles & legends ▪ Colour choice ▪ Constant, trend, percentile, min, max, average, median lines ▪ Conditional formatting ▪ Tooltips (basic, advanced)
<p>7. Investigate your data fast #CannotDoInExcel</p> <ul style="list-style-type: none"> ▪ Slice-and-dice on-demand to answer business questions from multiple different perspectives ▪ Investigate different granularity levels seamlessly ▪ Follow your train of thought and flow from one chart to another related chart easily ▪ Discover which factors influence on your business performance the most 	<ul style="list-style-type: none"> ▪ Slicers ▪ Cross-filters, filters ▪ Hierarchy ▪ Drill down, drill through report ▪ Bookmarks ▪ Key Influencers ▪ Decomposition Tree
<p>8. Share your data story #CannotDoInExcel</p> <ul style="list-style-type: none"> ▪ Design and share interactive reports and dashboards for easy access via web browsers and mobile devices ▪ Collaborate with others 	<ul style="list-style-type: none"> ▪ Publish to Power BI Service ▪ Share report and dashboard ▪ Design for Web vs. Mobile ▪ Export to Power Point and edit

What you need to know

Duration	: 2 days	What's included	: ✓ Course materials
Fee	: SGD 1,280 (virtual) SGD 1,580 (in-person)		✓ Light refreshments
Platform	: Power BI		✓ FREE 60-min personalised coaching

Consider the Power BI Trilogy!

Supercharge your data ninja skills with this end-to-end trilogy! Free up time to do meaningful analysis, focus efforts on things that matter (like preparing to share your groundbreaking analytics findings at that important presentation, and going home on-time), and be the go-to person at C-level meetings.

Each course levels up your skills at different phases of your analytics workflow. But with their powers combined, you can be Captain Data Wrangler!

			
<i>What course?</i>	Power BI #1	Power BI #2	Power BI #3
<i>What for?</i>	Automate your data preparation 10x your speed in turning dirty data to clean data. Set up your customised workflow once and re-use it forever more. Clean, combine, and update your data in just a click!	Calculate your metrics 10x your speed in getting insights from your data. Relate your tables with drag-and-drop, create powerful calculations once, and re-use them everywhere!	Visualise your data story 10x your speed in building effective dashboards and tell compelling data stories. Create rich, meaningful, interactive charts to analyse, convincingly influence and persuade!
<i>What to use?</i>	Power Query	Power Pivot	Interactive dashboard
<i>What app?</i>	Power BI & Excel	Power BI & Excel	Power BI
<i>How much?</i>	SGD 1,280 (virtual) SGD 1,580 (in-person)	SGD 1,280 (virtual) SGD 1,580 (in-person)	SGD 1,280 (virtual) SGD 1,580 (in-person)
<i>What's awesome?</i>	FREE 60-minute personalised coaching with any course #LightdotlabExclusive BEST ever course materials with step-by-step guide #ParticipantsRaveAboutThis SAVE \$200 + 180-min personalised coaching if you register for Power BI #1+2+3 now! #BeCaptainDataWrangler		

Why is our approach different?



FIRST, WHY?

Begin with the end in mind by first focusing on the “why” of your business report.



THEN, WHAT?

Then, define the “what” you want out of data. Use **storytelling and design tips** to plan and sketch storyboards fast.



SO, HOW?

Through **hands-on exercises**, learn how to turn your sketches into effective dashboards and compelling data stories with Power BI.

Who's the trainer?



Grace Teoh

*Chief Data Organiser
& Excel Addict*

Hi, that's me smiling nerdily.

In 2016, I started Lightdotlab to help businesses and individuals better achieve their goals. At Lightdotlab, we believe using data insights is key to guiding successful business decisions. We have collaborated with various companies including Changi Airport Group, Scoot, Societe Generale, and Wobe; from developing business models and reports, to providing end user trainings.

Having worked as a business analyst, I specialise in building models and reports that can be changed on-the-fly, to facilitate C-level decision-making. My expertise is fuelled by my motivation to constantly discover better, faster, and more accurate ways to improve business analysis and modelling. Enabling people to get the most out of their data is what excites me the most!

Got questions? Get in touch!

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