2018 Chandoo Masterclass Special Event

ADVANCED EXCEL & DASHBOARD REPORTING

POWER EXCEL

[POWER BI, POWER PIVOT, POWER QUERY]

Australia – 2018 Sessions

Advanced Excel & Dashboard Reporting:

Learn to create stunning, world-class Excel dashboards.

Sydney
21-22 May
Brisbane
04-05 June
Melbourne
18-19 June
Perth
25-26 June

Power Excel:

Develop your Power BI, Power Pivot and Power Query skills to communicate better and do things faster.

Sydney
23-24 May
Brisbane
06-07 June
Melbourne
20-21 June
Perth
27-28 June

Conducted by Chandoo.org & Plum Solutions

Chandoo.org
BECOME AWESOME IN EXCEL

plumsolutions
Specialists in Financial Modelling

In these Masterclasses...,

Learn how to build stunning dashboards & workbooks

Excel Dashboards are used to convey vital business information to senior management, partners & customers. In our two day Masterclasses, learn how to create stunning, world-class Excel dashboards, analyse data and create brilliant Power Pivot dashboards. Along the way, you will learn how to use various advanced features in Excel so that you can save time and look good in front of your bosses & colleagues. These two-day Masterclass sessions can be undertaken individually, or attend all four days for the full Chandoo experience!

Benefits of attending:

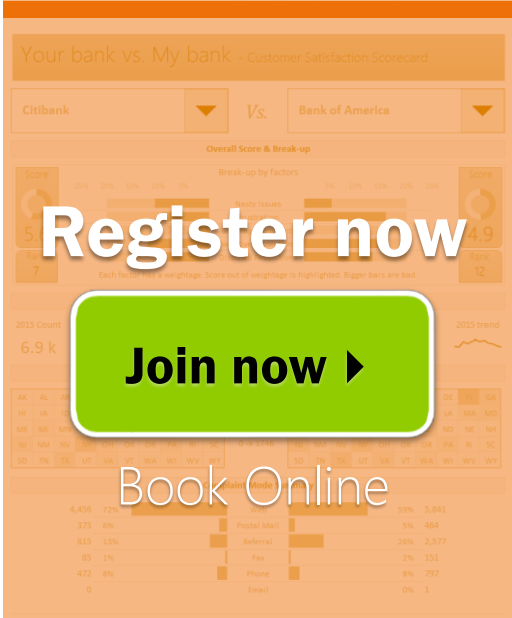
1. Exposure to best-in-class dashboard techniques, design ideas & practical tips
2. Tips & ideas on using Excel better
3. USB stick with Example workbooks, PDF guides & videos
4. Access to selected videos & material on Chandoo.org
5. Networking opportunities with fellow professionals & Chandoo
6. Email support for your Excel questions for three months by Chandoo.org

Who should attend?

This program is aimed at:

- Managers
- Systems & Reporting Analysts
- Business & Data Analysts
- MIS Reporting Analysts
- Business Intelligence Professionals
- Executives in Sales, Finance, Marketing or Customer Service

If you use Excel for more than 6 hours a week, you will benefit from this Masterclass



Register now

Join now

Book Online

Email
info@plumsolutions.com.au
hello@chandoo.org

Phone
02 9818 7250

Masterclass Agenda
Advanced Excel & Dashboard Reporting

Sydney	Melbourne
21-22 May	18-19 June
Brisbane	**Perth**
04-05 June	25-26 June

DAY ONE

8:45	Registration

Session 1	**Making modern Excel work for you & your organization**
	• What is new in Excel 2016 / Excel 365?
	  ○ Quick tour of Excel
	  ○ Smart features for Analysts and Managers
	• Analysing data with Tables
	  ○ Tabular data model
	  ○ Structural referencing vs. Cell referencing
	  ○ Advantages of tables
	• Formulas for data analysis
	  ○ SUMIFS and many other IFS
	  ○ VLOOKUP and other search functions
	  ○ Business rules & logic in Excel
	  ○ Date intelligence formulas
	  ○ Error handling
	• Hands-on: Sales & Customer Analysis
	  ○ Build an interactive sales & customer analysis tool in Excel
	  ○ Gather insights on customer behaviour
	  ○ Build quick visualisations

	Morning break

Session 2	**Insights in a snap – Pivot Tables & Data Modelling in Excel**
	• Data modelling and relationships in Excel
	  ○ Multiple tables
	  ○ Connecting tables with relationships
	• Pivot Tables for data analysis
	  ○ Basics of pivots
	  ○ Hierarchies and Grouping
	  ○ Time intelligence in pivots
	  ○ Slicers and timelines - interactive filtering
	  ○ Powerful pivoting features in modern Excel
	  ○ GETPIVOTDATA and CUBE formulas
	• Visualising thru Pivots
	  ○ Pivot charts
	  ○ Regular charts from Pivot Tables
	  ○ Interactive charting thru Pivots
	• Hands-on: One-hour dashboard with Excel

	Lunch

Session 3	**Visual Analytics with Excel**
	• Right charts for your data
	  ○ How to pick right charts for your data
	  ○ Charting mistakes to avoid
	• Advanced Charting for visual analytics
	  ○ Combination charts
	  ○ Waterfall charts
	  ○ Treemaps
	  ○ Box plots
	• Quick and elegant visualisations
	  ○ Sparklines
	  ○ In-cell charting
	• Interactive charting
	  ○ Slicers + Charts
	  ○ Form controls + charts

5:00	End of day one

Masterclass Agenda
Advanced Excel & Dashboard Reporting

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8:45	Registration	DAY TWO

Session 1	**Making effective dashboards for your business**
	• Process for creating awesome dashboards
	  ○ What is a bad dashboard?
	  ○ 10-step process for awesome dashboards
	  ○ MVC architecture for your dashboards	

	Morning break	

Session 2	**Hands-on: Building an awesome KPI dashboard in Excel**
	• Defining goals for our dashboard
	  ○ Requirement gathering
	  ○ Mocking up the dashboard
	  ○ Defining interactive features
	• Collecting and structuring data in Excel
	  ○ Gathering data thru connections / Power Query
	  ○ Setting up tables
	  ○ Creating a calendar table
	  ○ Connecting tables with relationships
	• Building a calculation engine
	  ○ Using pivot tables to process KPIs
	  ○ Adding necessary formula layer
	  ○ Interactivity thru Slicers & Form Controls
	• Visualisations for the dashboard
	  ○ Visual layout for the dashboard
	  ○ Headlines and key takeaways
	  ○ Visualising trends
	  ○ Adding alerts
	  ○ Interactive graphs / tables
	• Sharing & Publishing the dashboard
	  ○ Sharing for PC / Tablets
	  ○ Sharing for Web
	  ○ Sharing for print	

	Lunch	

Session 3	**What can we learn from the world's best dashboards?**
	• Design philosophies for dashboards
	  ○ CRAP rules for design
	  ○ MVC architecture for the workbooks
	  ○ Layout templates
	  ○ One screen vs. scrollable?
	• Inspiration from world's best dashboards
	  ○ Case studies on best dashboards
	  ○ Resources to learn more
	  ○ Q&A	

5:00	End of day one	

Masterclass Agenda

Power Excel – Power BI, Power Pivot, Power Query

Sydney	Melbourne
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DAY ONE

8:45	Registration

Session 1	**How Power BI can help you & your organization**
	• What is Power BI?
	  ○ Quick tour of Power BI Desktop
	  ○ How Power BI can collect, analyse, visualise and share your information with world
	  ○ Power BI vs. Traditional Excel
	• Hands-on: Our first Power BI Report
	  ○ Does temperature impact cricket scores?
	  ○ Australian venues & ODI matches in 2014
	  ○ Temperature stats for the dates
	  ○ Getting the data in to Power BI
	  ○ Temp vs. Score – Quick analysis
	  ○ Adding interactivity

	Morning break

Session 2	**Collect and process data with Power Query**
	• What is Power Query?
	  ○ How it compares with SQL, connections
	  ○ Quick tour of Power Query
	  ○ Power Query UI, terminology
	• Hands-on: Read a bunch of CSV files and merge data
	  ○ Gather data from a folder
	  ○ Data clean up with Power Query
	  ○ Adding extra data
	  ○ Removing un-necessary columns
	  ○ Publishing to Power BI
	  ○ Refreshing when you have new files
	• Overview of M language
	  ○ What is M?
	  ○ Using formula bar in Power Query
	  ○ Power Query Functions and keywords

	Lunch

Session 3	**Modelling and Analysing data with Power Pivot**
	• What is Power Pivot?
	  ○ Power Pivot vs. Data Warehouse
	  ○ Power Pivot in Excel vs. Power BI
	  ○ Terminology – Star schema, Dimensions, Facts, Measures, Cubes, Calculated columns, Groups, Hierarchies and KPIs
	  ○ Quick Demo
	• Hands-on: Setting up a star schema in Power Pivot
	  ○ Gathering tables and connecting them
	  ○ Introduction to DAX formula language
	  ○ Using DAX to define calculated columns and measures
	  ○ Building your first Power Pivot
	  ○ Power Pivot in Excel vs. Power Pivot in Power BI – behaviour differences

5:00	End of day one

Masterclass Agenda

Power Excel – Power BI, Power Pivot, Power Query

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DAY TWO

8:45	Registration

Session 1	**Connecting the dots – Power Query, Power Pivot and Power BI**
	• How each part of the Power pack plays a role in building world's easiest reporting system with Power BI
	• Thinking about performance, privacy and optimization
	• Hands-on: Bicycle sharing in Melbourne – Power BI interactive visualisation
	  ○ Bicycle sharing data
	  ○ Defining goals for visualisation
	  ○ Building a data model
	  ○ Measures with DAX
	  ○ Visualisations
	  ○ Interactivity

	Morning break

Session 2	**Hands-on: Making a comprehensive Financial Performance Dashboard**
	• Defining goals for our dashboard
	  ○ Requirement gathering
	  ○ Mocking up the dashboard
	  ○ Defining interactive features
	• Collecting and structuring data thru Power Query
	  ○ Gathering data
	  ○ Generating a calendar table
	  ○ Connecting tables with relationships
	• Building a calculation engine
	  ○ Writing measures
	  ○ Using quick measures
	  ○ Introduction to time intelligence in Power Pivot & DAX
	  ○ What-if analysis thru parameters in Power BI
	• Visualisations for the dashboard
	  ○ Defining pages of the dashboard
	  ○ Building CEO view
	  ○ Creating CFO view
	  ○ Adding alerts
	  ○ Interactive graphs / tables
	  ○ Bookmarks and Scenarios
	• Sharing & Publishing the dashboard
	  ○ Sharing for PC / Tablets
	  ○ Sharing for Web

	Lunch

Session 3	**What does it take to create world's best dashboards?**
	• Design philosophies for Power BI dashboards
	  ○ CRAP rules for design
	  ○ Inspiration from world's best dashboards
	  ○ Case studies on best dashboards
	  ○ Resources to learn more
	  ○ Q&A

5:00	End of day one

Chandoo
Your Masterclass Leader

What our past students say...,

- *Chandoo is full of new innovative ways to crunch and communicate data*
- *The course contained good examples; he is a very open and responsive teacher*
- *This course has taught me more than I learnt in three years of working on my own!*
- *It really made me re-evaluate the way I worked Excel to deliver my results*
- *I've always loved working with Excel, but this course gave me the kick to take my existing skills to the next level*
- *I enjoyed learning about the new, innovative features of Excel. Watching them used in ways that differ from what I have become accustomed to was great. The most mind-expanding topic for me was SUMPRODUCT formula. Very clever!*

Chandoo, known for his most popular Excel & Dashboard site, Chandoo.org is famous for his clear explanations, practical approach and Excel mastery.

Chandoo has trained more than 5,000 professionals from all over the world in Excel, Advanced Excel, Dashboards, VBA & Project Management.

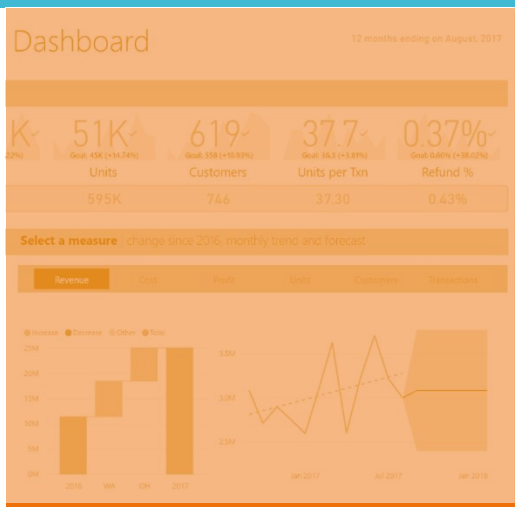
For his contribution to MS Excel users, Microsoft has awarded him the prestigious MVP award for years 2009, 2010, 2011, 2012 & 2013.

Chandoo (otherwise known as Purna Duggirala) is an MBA with more than 8 years' experience in Excel based dashboards, reporting & consulting, and regularly travels the world delivering his specialist workshops.

What do you get?

By attending our Advanced Dashboards in Excel Masterclass 2018 you get,

- Exposure to best-in-class dashboard techniques, design ideas & practical tips
- Tips & ideas on using Excel better
- USB stick with Example workbooks, PDF guides & videos
- Access to selected videos & material on Chandoo.org
- Networking opportunities with fellow professionals & Chandoo
- Email support for your Excel questions for 3 months by Chandoo.org



Got several participants?
Run this course in your company.

What should you have?

Suggested Skill Level

- To benefit the most from this workshop, you need to have intermediate level working knowledge of MS Excel.
- Understanding of basic business terminology and reporting situations
- Targeted at managers, analysts & reporting professionals with 3-7 years of experience

Software

This Masterclass is run in a specialist training venue with workstations provided. The course is demonstrated using Microsoft Excel 2016, but students can use older versions if they prefer. Attendees may also bring their own laptops.

Register now

Book online at
www.plumsolutions.com.au/chandoo

Join now ▸

Email

info@plumsolutions.com.au
hello@chandoo.org

Phone
1302 9818 7250

How much does it cost?

Course fee of only $1,500 plus GST includes:

- Two full days of tuition by Dashboard expert, Chandoo
- Use of workstations, lunch and refreshments
- USB stick with Example workbooks, PDF guides & videos
- Access to selected videos & material on Chandoo.org
- Email support for Excel questions for three months following the course by Chandoo.org

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2018 Course Dates & Venues:

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Attend all four days for $2,600 plus GST – Use Coupon Code: CHANDOO_2018 at checkout

Payments can be made by:

- Visa, MasterCard, Amex
- Paypal
- Bank transfer

Register now

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