



# Data Visualisation and Storytelling

This data visualisation training covers theories, tools, techniques and strategies to create scalable, interactive and actionable data visualisation practices to help professionals who want to make an impact in their teams and organisation.



Attend In-Person or Live Digital

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# Course Information

Face to Face Training	SYDNEY	14 - 15 February 2024   7 - 8 August 2024   4 - 5 December 2024
	CANBERRA	21 - 22 February 2024   28 - 29 August 2024
	PERTH	10 - 11 June 2024
	BRISBANE	17 - 18 June 2024   23 - 24 October 2024
	MELBOURNE	13 - 14 June 2024   27 - 28 November 2024

Live Online Training	3 - 5 April 2024	1pm - 5pm AEDT
	19 - 21 June 2024	1pm - 5pm AEST
	18 - 20 September 2024	1pm - 5pm AEST
	11 - 13 December 2024	1pm - 5pm AEDT

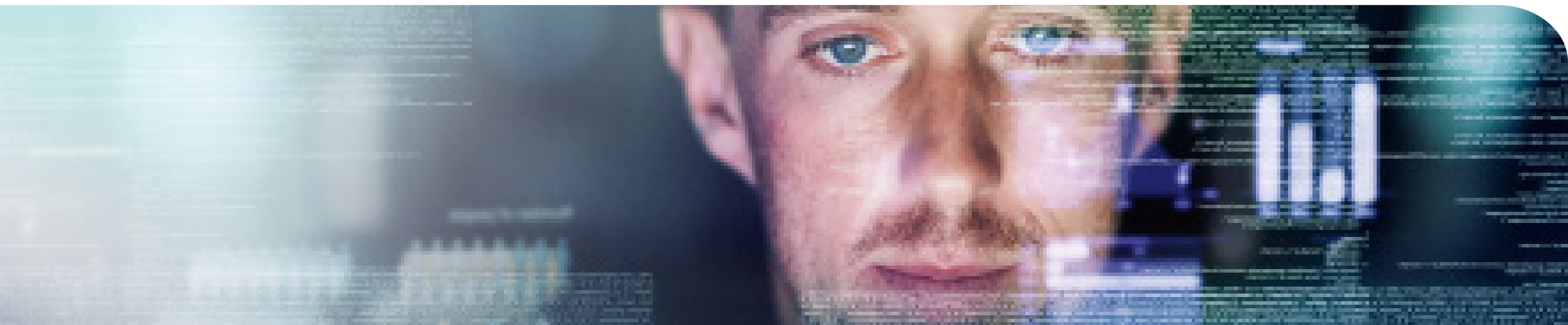
## Key Learning Objectives

- Learn to create scalable, interactive and actionable data visualisation solutions.
- Master the art and science of simplifying information to make it easier to understand the story data tells.
- Discover how to make the right data visualisation choices and control the narrative.
- Explore secrets of design fundamentals for data visualisation and presentation.
- Develop an understanding of the latest tools and software used for visualising data.
- Learn how experts collect, manipulate and visualise data using the latest techniques.
- Learn to constructively analyse and critique a data visualisation solution in light of purpose and audience.
- Develop fundamental skills in data science and analytics.

## Who Will Benefit

This data visualisation course can be helpful to anyone who wants to understand data visualisation in the context of visual communication and information graphics for analytics and data science but has not had any (or major) exposure to the field.

It can also be beneficial to those who want to pursue a change in career and work more closely with data visualisation in an analytics or data science capacity but have not had a chance to figure out how to go about it. Lastly, it can benefit anyone who works in a business or technical role and uses data to communicate opportunities and insights to other businesses or technical stakeholders.



# Course Information

## About the Course

Data visualisation and storytelling are among the most important skills in the data-driven economy. This data visualisation training for beginners explores the latest concepts, tools and techniques to build and influence the development of a successful data storytelling capability.

Delivered through an interactive approach with highly visual content, participants of this course are exposed to basic fundamentals of data, design, narrative and technology that power compelling and action-oriented data visualisations.



*"Felipe was very knowledgeable in skills, theory, best practices and current information on data visualisation. Very engaged and supportive in listening to our ideas and input with great discussions and teaching."*

**Creative Designer, UNSW Sydney**

## Meet Your Course Director



**Felipe Rego, Data Science & Analytics Partner**

Felipe is a leading advanced analytics and data science partner, working with teams in a range of different organisations and helping them build, manage and enhance their data science and visualisation solutions. Strategically aligned, commercially oriented and above all, customer centred, Felipe's unique methodologies help organisations stay competitive and create a solid pathway for future growth.

Felipe has a unique combination of in-depth technical expertise (including developing code and programming in analytical tools) and a high level of business experience with over a decade working in analytics teams, marketing, research and business strategy. This allows him to identify and understand the issues that impact his clients' businesses and translate them into the complex language of analytics and data science to find the best solutions. Because of this, Felipe is highly in demand with marketing, sales, finance, technology and strategy teams. He excels at delivering robust analytical solutions that are easy to use, understand and implement. Felipe's unique methodology takes a holistic approach to using data and science to improve whole organisational performance and reduce costs.

Felipe is also an analytics instructor with experience disseminating practical, actionable advanced analytics and data visualisation techniques in both classrooms and online settings. The organisations he works with find that partnering with Felipe results in a more engaged and capable workforce. It's not just the organisation as a whole that benefits - individuals feel more prepared to step up to their next challenge and confidently make use of data and analytics in their day-to-day work.

When Felipe is not partnering with clients or helping students, he's a research candidate in Learning Analytics at The University of Sydney. As part of his research, Felipe makes sense of students' digital traces and looks at the role learning analytics dashboards play in influencing learning outcomes. His research has also been focused on exploring patterns of students' engagement and performance profiles in learning environments.

Alongside all this, Felipe is also a blogger, writing regularly on a wide range of topics including predictive analytics, statistical learning and data visualisation. Recognised internationally for his thought leadership, Felipe received over 82,000 visitors to his blog from over 180 countries last year and some of his articles have been ranked #1 in Google search. Felipe is widely referenced by many sources and leading educational institutions including StackOverflow, Udacity, Western Michigan University, UC Santa Barbara and Edinburgh Napier University among others.

# Course Outline

## HISTORY AND FUNDAMENTALS OF DATA VISUALISATION

- History of data visualisation, recent developments and future outlook
- Visualisation to drive decision-making for your department
- Knowing your why, and what your data needs to achieve

## DRIVING AN ORGANISATION'S DATA MATURITY TO SUPPORT COMPELLING DATA STORYTELLING

- Making sense of your organisation's analytics capacity to create compelling data visualisations
- Plotting a roadmap from business strategy to data visualisation
- In-depth understanding on what successful organisations do to get data visualisation right

## DECIPHERING KEY COMPONENTS AND BEST PRACTICES IN DATA VISUALISATION

- Understanding graph theory and colour theory
- How different shapes and objects are perceived, and create meaning
- Practical interactive activities exploring use cases of data visualisation

## CONNECTING THE DOTS WITH CASE STUDIES AND DATA VISUALISATION EXAMPLES

- Assess various use cases and meaning of data visualisation solutions
- Inputting data effectively and the importance of tool selection
- Design fundamentals for data visualisation

## FUNDAMENTALS OF DESIGN, COLOR AND SHAPES IN THE CONTEXT OF DATA VISUALISATION

- Formats for data visualisation and presentation: chart types, animation, infographics
- Picking the right visual language to influence your audience
- Simplifying the data to tell your story more effectively

## BUILDING NARRATIVES FOR SUCCESSFUL DATA VISUALISATION AND STORYTELLING

- Learn the power of narrative, and how to effectively communicate with data
- Understand the power of visual storytelling
- Making the right graphical choices, and controlling the narrative

## A BRIEF OVERVIEW OF DATA VISUALISATION SOFTWARE AND OTHER INFORMATION PRESENTATION TOOLS

- Explore information presentation tools and software options
- Differences between different types of visualisation, tools and best practice
- Overview of Tableau, PowerBI, Adobe suite, and many other tools' capabilities and applications

## FINAL SUMMATIVE DATA VISUALISATION & STORYTELLING ACTIVITIES AND CONCLUDING THOUGHTS

- Revisit main themes, tools, techniques and strategies
- Apply learnings based on a hands-on data visualisation and storytelling exercise
- Group discussion, final reflections and insights



*"Really enjoyable course in an exciting and growing subject. Felipe was an enthusiastic, encouraging and engaging presenter!"*

**Business Intelligence Lead, Forensicare**

# Data Visualisation and Storytelling

Easy Ways to Register



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+61 (02) 9080 4399



[training@informa.com.au](mailto:training@informa.com.au)

## Data Visualisation and Storytelling

Course Code	Location/ Format	Course Dates	Early Bird price valid until		Standard price valid after	
			SY - 26 Jan 24 CA - 2 Feb 24 PE - 24 May 24 ME - 24 May 24 BR - 31 May 24 SY02 - 19 Jul 24 CA02 - 9 Aug 24 BR02 - 4 Oct 24 ME02 - 8 Nov 24 SY03 - 15 Nov 24	SY - 26 Jan 24 CA - 2 Feb 24 PE - 24 May 24 ME - 24 May 24 BR - 31 May 24 SY02 - 19 Jul 24 CA02 - 9 Aug 24 BR02 - 4 Oct 24 ME02 - 8 Nov 24 SY03 - 15 Nov 24		
P24GT21SY	Sydney	14 - 15 February 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21CB	Canberra	21 - 22 February 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21PE	Perth	10 - 11 June 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21ME	Melbourne	13 - 14 June 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21BR	Brisbane	17 - 18 June 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21SY02	Sydney	7 - 8 August 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21CB02	Canberra	28 - 29 August 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21BR02	Brisbane	23 - 24 October 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21ME02	Melbourne	27 - 28 November 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>
P24GT21SY03	Sydney	4 - 5 December 2024	\$2,395.00 + \$239.50	<b>\$2,634.50</b>	\$2,595 + \$259.50 GST	<b>\$2,854.50</b>

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Course Code	Location/ Format	Course Parts	Course Dates	Standard Price	
P24GT21AUV	Live Digital	All 4 Parts	3 - 5 April 2024	\$1,895 + \$189.50 GST	<b>\$2,084.50</b>
P24GT21AU02V	Live Digital	All 4 Parts	19 - 21 June 2024	\$1,895 + \$189.50 GST	<b>\$2,084.50</b>
P24GT21AU03V	Live Digital	All 4 Parts	18 - 20 September 2024	\$1,895 + \$189.50 GST	<b>\$2,084.50</b>
P24GT21AU04V	Live Digital	All 4 Parts	11 - 13 December 2024	\$1,895 + \$189.50 GST	<b>\$2,084.50</b>

### Great Savings:

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