



# Data Visualisation: Making Sense of Data through Tableau, Bringing Data to Life

Dr James Abdey

**JUNE 2, 2020**

**9:00-16:00**

**CPE's: 7**



## Course Objectives

The ultimate value of data is to help us make better decisions, which requires being able to quickly and easily extract the key insights hidden in data, i.e. to filter the signal from the noise. Data visualisation techniques enable us to summarise data and to discover trends, patterns and relationships through graphical representations, which lend themselves to actionable conclusions and recommendations for decision-makers. The way we present data to stakeholders may be the difference between a well-informed or very misguided decision. This course covers the concepts involved in visualising data for decision-makers, including visualisation techniques, data structure, colour theory, dash-boarding tools, presentation advice, as well as audience roles. Participants will learn to produce data-driven decision support using visual representation methods and techniques.



## Who should attend?

Any auditor directly handling data would benefit from the course, whether to learn how to visualise data, to forecast future values, scenario planning (what-if applications), as well as creating powerful dashboards and «storytelling» through data. Being equipped with such tools will add value helping you and clients to make better driven-data decisions.



## Course description

This course will take you through the following learning steps:

- Introduction to Tableau and its functionality
- Do's and don'ts of data visualisation
- Time series analysis and forecasting
- Dashboards and stories
- Calculated fields and parameters
- Sensitivity analysis



## Curriculum vitae

**Dr James Abdey** is an Assistant Professorial Lecturer in the Department of Statistics at the London School of Economics and Political Science (LSE) and Associate Academic Director for the University of London programmes at LSE. His research interests include market research techniques and forensic statistics – the interplay of statistics and law. Outside of academia, he has also worked on various quantitative-based projects such as for the World Gold Council as well as Art Market Research. A passionate statistician, James is always keen to promote data-driven decision-making. While uncertainty can never be eliminated, applying appropriate quantitative methods can assist us in making the best decision, guided by data!



## Price

€ 300

€ 250 (members  
IIA Greece)



## Venue

virtual seminar via  
tele-conference