

Abstract

A Perspective on Data Science

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Data science is fast becoming a richer and more varied working field, ranging from research and development all the way through to commercial applications in a wide range of settings and industries. Data science is far from being a single, well-defined discipline. Instead, it is a combination of different specialisations and practices.

For newcomers to the field navigating this vast ecosystem may be a daunting task and getting some perspective may help understand the challenges and opportunities in the field. In this talk we will cover some of the ingredients that make data science an exciting area of work within a business context.

We will take this opportunity to look at ways of working and best practices that successful teams employ and adapt to their needs. Examples of coming from the speaker's own work will be provided, giving us a chance to explore the interdependence between data science and other subject matter experts such as those working in development, devops, business SMEs, data visualisation and more.

Bio

Dr Jesús Rogel-Salazar is a lead data scientist with experience in the field working for companies such as AKQA, Prudential, IBM Data Science Studio, Dow Jones, and Barclays. He is currently CTO at TympaHealth Technologies, a startup with the vision of helping the world to hear. He has worked as a consultant and data scientist for a number of years in a variety of industries including science, finance, marketing, people analytics and health, among others.

He is the author of *Essential Matlab and Octave* and *Data Science and Analytics with Python*, volume two of which being published in March 2020. He is a visiting researcher at the Department of Physics at Imperial College London, UK and a member of the School of Physics, Astronomy and Mathematics at the University of Hertfordshire, UK. He obtained his doctorate in Physics at Imperial College London for work on quantum atom optics and ultra-cold matter.