

# What is Data Science?

Want a career as a Data Scientist?

Get your answers at the Data Science and Analytics Day!

Organized by the Department of Mathematics

Saturday 16 March | 10.00am to 12.30 pm | NUS, Faculty of Science, LT 31 (S16 Level 3)

## An Introduction to Data Science

Dr Vincent Tan | Associate Professor, NUS, Department of Mathematics & Department of Electrical & Computer Engineering

We will discuss simple models of big datasets from a statistical perspective and give an overview of basic concepts from the perceptron algorithm to support vector machines.

## Network data analysis: From transport to social media

Dr Feng Ling | Scientist, Institute of High Performance Computing

Lots of data are represented in the form of networks consisting of individuals and their relations/connections. Such data structure requires its own mathematical tools to analyze. Here, I present two application areas whose data are primarily being represented as network data, and illustrate a quick look into the methods to analyze and optimize the problems.

## Fake News and Data Science

Dr Murphy Choy | Director of Analytics, Operations and Technology, SSON Analytics

Fake News, Misinformation and Disinformation— these terms have dominated much of politics and captured the fears of democracy in the past 24 months. In this discussion, we will discuss about various data science techniques that have been applied to tackle fake news and the difficulty faced.

## Refreshments & Interaction with Speakers



*This event is suitable for pre-university students and general public.*

Admission is free.

Registration is required at <https://tinyurl.com/y2uw7o5t> or scan the QR code (limited seats, first-come-first-served)



Department of Mathematics  
Faculty of Science