



**Success is not final, failure is not fatal:
it is the courage to continue that counts**

- Winston Churchill

ECON 4015

Big Data Analytics

1st Semester 2018-2019

Course Instructor: Dr Monique Wan

This course aims at introducing the concept of big data, how to turn big data into insights and the growing landscape of large-scale analytics tools. It also introduces students to programming language and statistical environment that are necessary for analysing big data, building models and manipulating data objects.

Getting Big Impact from Big Data

Data is the lifeblood of decision-making. Effective techniques to analyse massive amounts of data can provide real-time insights into people's wellbeing and provide early warning of an imminent emergency. Students of this class will make use of data analytics to assist our community partners in making smarter decisions, contributing to the acceleration of social progress. Our partners are HEYCOINS and Carbon Care InnoLab. The former is a social enterprise aiming to increase charitable donations in innovative ways and the latter is an NGO dedicated to expanding the circle of people active in climate change innovation, education and action.