“Through analytics, we derive game-changing insights from data. This facilitates decision-making and enhances business competitiveness.”
- Dr. Loke Chok Kang, Principal Analyst (HR Intelligence), Strategic Planning & Research, Public Service Division, Prime Minister’s Office - B.Sc. (Hons) in Statistics and Applied Mathematics (2005); Ph.D. in Statistics (2012)

“I leverage healthcare datasets with advanced analytics, machine learning, and mathematical modelling techniques to transform our understanding of patients, treatments and healthcare outcomes. This enables us to deliver the right drugs to patients at the right price.”
- Ivan John Clement, Consultant Data Scientist, IQVIA, B.Sc. (Hons) in Computational Biology (2013); M.Sc. in Management of Health Industries (2015), ESSEC Business School

“Through Big Data analysis technologies, we provide reliable weather forecasts that ensure the safety of our clients’ offshore marine operations.”
- Arnold Doray, Chief Executive Officer, Terra Weather - B.Sc. in Physics (1994); Master of Technology in Knowledge Engineering (2002)

“We empower small and medium businesses by providing tailor-made insights and artificially intelligent analytics tools.”
- Sriram Rangarajan, Founder, HappyData Pte Ltd - B.Sc. (Hons) in Chemistry (2009)

“We provide industry-leading data analytics cloud solutions uniquely designed for Asian businesses. This addresses an emerging market need.”

“Our students...

Our Graduates
Some of our graduates have established successful careers in data science-related fields.

“Smart Transportation”
“Smart Homes”
“Smart Logistics”
“Smart City”

Our Students
Students from our first intake share their learning outcomes from the programme.

“Apart from the growing demand for data science-related skills in the future, I believe the scope of application of these skills is vast. I like this flexibility.”
- Rayakar Achal Ajeet

“The course covers a wide range of skills that are relevant in the workplace and economy of the future, such as statistical analysis, programming and creative problem-solving.”
- Guai Zi Wei

More Information

Contact
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Preparing Future Leaders in Data Science and Analytics

The nature of data has changed dramatically. Between the dawn of civilisation (c. 3500 BC), the human race created five exabytes (5 x 10^18 bytes) of information. Now we are producing that amount every two days. Such a huge amount of data, collectively called Big Data, creates an urgent need to make sense of it.

Data science is an emerging field that involves computational principles, methods and tools for extracting and structuring knowledge from data. On a daily basis, large data sets are generated by computational systems, such as social media, cell phones, and the web, for everything from monitoring traffic and predicting weather to monitoring insurance claims and detecting fraud. These data, collectively called Big Data, create an urgent need to make sense of it.

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