



DATA ANALYTICS CONSULTING CENTRE

DATA SCIENCE: THE NEXT FRONTIER FOR INNOVATION AND COMPETITIVENESS

CONTACT US

We offer consulting appointments with our experts to address data-related problems in business or research.

Contact us at **dacc@nus.edu.eg** for a free one-hour, no obligation consultation. Please provide a brief description of your business / research problem.

DATA ANALYTICS CONSULTING CENTRE

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Faculty of Science

Dig Data: A New Natural Resource

Big Data refers to datasets whose size is beyond the ability of typical database software tools to capture, store, manage and analyse. These huge datasets may be analysed computationally to reveal patterns and trends, including relationships with human behaviour.

As a country with no natural resources, Singapore has identified data as a new "natural resource" and the importance of analytics in generating social, scientific and economic value from data to drive growth. In Singapore, the Big Data and Analytics global market is forecast to grow at 34% compound annual growth rate (CAGR) and reach US\$2.6 billion in 2018.

[Source: IMM2025 Infocomm Media Technology Market Sizing Study - PwC]

The Faculty of Science's Data Analytics Consulting Centre (DACC) offers

consulting services, executive courses, as well as partnership and outreach programmes. We help organisations to unlock insights from Big Data using cuttingedge techniques and advanced data analytics strategies. This enables business growth and transformation.

OUR PROFESSIONAL SOLUTIONS

The DACC offers consulting services and training programmes to help business growth. AUTOMATE DATA CLEANING AND DATA PREPARATION PROCESSES

CREATE NEW BUSINESS MODELS

> CREATE NEW AND INNOVATIVE PRODUCTS AND SERVICES

ENHANCE REVENUE GENERATION

MANAGE RISK

ACQUIRE, GROW AND

RETAIN CUSTOMERS

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RISK

OPTIMISE AND TRANSFORM OPERATIONS AND PERFORMANCE

OUR COURSES

We offer executive courses in credit risk modelling, churn reduction, fraud detection, revenue growth, story-telling using data visualisation, data cleaning and data preparation, customer analytics, and product analytics, amongst others.

Our training programmes help businesses to use analytics insights to become smarter, more productive and more competitive.

OUR PARTNERSHIPS

We work with our industry partners through industry engagement events and workshops to facilitate the adoption of leading-edge datadriven solutions that address business challenges.

Through the DACC, businesses can tap on the multidisciplinary expertise of our professors.

The DACC also works with educators and key stakeholders to develop educational and outreach programmes, to raise the awareness of exciting new career and business opportunities from Singapore's Smart Nation vision.

Our Data Science and Analytics (DSA) degree programme, the first in Singapore, grooms data



scientists with interdisciplinary expertise in statistics, mathematics and computer science, to turn data into actionable insights for businesses.

DSA undergraduates can participate in the Cooperative Education Programme, which relates theory to real-world issues through internships. This enhances students' employability after graduation and prepares the next generation of data scientists.