

BUSINESS ANALYTICS: DECISION MAKING THROUGH EXCEL (SYNCHRONOUS E-LEARNING)

This course is one of the gateway courses that is required for admission to The NUS Executive MSc in Management (EMIM)

“Information is Power” is no longer valid if companies are not able to make correct decisions timely on the basis of the data on hand. The use of business analytics for modeling and decision making represents the future of best practices for tomorrow’s companies.

This course prepares participants with fundamental theory and skills to capture business insights from data for decision making using Excel Spreadsheets. Practical examples and cases with data are used to stimulate participants’ interest and foster their understanding of the use of Business Analytics in management and business.

Quantitative models and tools such as Decision Analysis, Simulation Modeling and Optimization are covered to demonstrate the use of scientific methods in business decision making.

TOPIC COVERAGE

- ✓ Introduction to Business Analytics
- ✓ Data Intelligence using Pivot Table Analysis
- ✓ Probability Theory and Bayes Theorem
- ✓ Probability Distributions and Simulation Modeling
- ✓ Decision Tree
- ✓ Linear Optimisation and Sensitivity Analysis
- ✓ Discrete Optimization
- ✓ Application of Optimization

PRE-REQUISITES

This course assumes a very basic level of comfort with Microsoft Excel. Participants should be able to import data, sort it, and perform simple functions such as addition, multiplication, division, and creating tables in Excel. Participants will be required to bring their laptops to class, and to analyze data in class using Excel Spreadsheets. All analyses in this course will be carried out using Excel.

FEES & FUNDING

Full Course Fees	\$3,106.50
Singapore Citizens and PRs	\$361.95
Singapore Citizens aged 40 and above (MCES Scheme)	\$361.95
SMEs supporting their employees who are Singapore Citizens or PRs (ETS Scheme)	\$361.95

The above prices are quoted in Singapore dollars (SGD), inclusive of 9% GST. Applicable funding is for Singaporean and Singapore PR. This is subject to change and in accordance with SSG funding guidelines as of course commencement.

Course Code: TGS-2021004320



SGD 3,106.50

SGD 361.95 after max funding



NUS Business School



5 Weeks

(9 live online sessions)



Intermediate

Level

The Executive Masters in Management (EMIM)

This transformative programme is designed to empower and equip mature learners from diverse educational backgrounds with the latest knowledge and essential management skills, all within a dynamic and multicultural setting. A prior bachelor’s degree is not mandatory for admission.

Learner will need to attain at least a Merit grade for just 2 gateway courses as part of the admissions criteria to the EMIM programme.

APPLICATION PROCEDURE

Participants are strongly advised to apply at least 2 weeks in advance.

Visit business.nus.edu.sg to apply.

Visit Us Online, or Contact:



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