

## Module Information

2022.01, Approved

### Summary Information

Module Code	5603AFYPC
Formal Module Title	Data Analysis for Accounting and Finance
Owning School	Business and Management
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
YPC International College (Kolej Antarabangsa YPC)

### Learning Methods

Learning Method Type	Hours
Online	22

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-MTP	MTP	January	12 Weeks

### Aims and Outcomes

Aims	This module will equip students with the technical skills to be able to accurately perform data modelling using appropriate software.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Create and analyse data models using Microsoft Excel.
MLO2	2	Effectively use a selection of advanced Microsoft Excel tools.
MLO3	3	Analyse and evaluate the results of the data models and make recommendations.
MLO4	4	Effectively communicate the results of the evaluation and recommendations to finance and non-finance managers.

### Module Content

Outline Syllabus	<p>Basic Microsoft Excel functions including but not exclusively; data entry, formatting, charts and graphs and formulae.</p> <p>Advanced Microsoft Excel functions including but not exclusively; conditional formatting, pivot tables, input tables, what ifs.</p> <p>Use of Microsoft Excel for accounting purposes, for example, statistical analysis, calculating variances, sorting and filtering data, discount rates, comparison of interest rates, accounting ratios.</p> <p>An understanding of big data and current technical issues in accounting and finance.</p>
Module Overview	
Additional Information	This is a practically focused module developed in consultation with employers highlighting the skills necessary for accounting and finance students.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Test	AS1	25	0	MLO2
Report	AS2	75	0	MLO1, MLO2, MLO3

### Module Contacts