

## Liverpool John Moores University

Title: Data Analysis for Accounting  
Status: Definitive  
Code: **5503AFYPC** (123185)  
Version Start Date: 01-08-2021

Owning School/Faculty: Business and Management  
Teaching School/Faculty: YPC International College (Kolej Antarabangsa YPC)

Team	Leader
Lucy McGrath	Y

**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 44  
**Total Learning Hours:** 200      **Private Study:** 156

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Online	22
Workshop	22

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Test	AS1	In-class Test	25	
Report	AS2	Individual Report 2000 words	75	

### Aims

1. To equip students with the technical skills to be able to accurately perform data modelling using Microsoft Excel
2. To facilitate the development of analytical skills

### Learning Outcomes

After completing the module the student should be able to:

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

### **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

In-class Test	2				
Individual 2000 words	1	2	3	4	

### **Outline Syllabus**

*Basic Microsoft Excel functions including but not exclusively; data entry, formatting, charts and graphs and formulae.*

*Advanced Microsoft Excel functions including but not exclusively; conditional formatting, pivot tables, input tables, what ifs.*

*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.*

*An understanding of accounting systems.*

### **Learning Activities**

Workshops to facilitate the acquisition of Microsoft Excel.

On-line tutor support as part of a business simulation exercise.

### **Notes**

This is a practically focused module developed in consultation with employers highlighting the skills necessary for accounting and finance students.