

## Module Information

2022.01, Approved

### Summary Information

Module Code	5103LBSAF
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
Business and Management

### Learning Methods

Learning Method Type	Hours
Online	22
Workshop	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	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 big data and current technical issues in accounting and finance.
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	In-class Test	25	0	MLO2
Report	Individual 2000 words	75	0	MLO1, MLO2, MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Leah Ferrie	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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