

Unit Title: Introduction to Big Data	
Level:	Two
Credit Value:	6
GLH:	48
OCNLR Unit Code:	KJ3/2/LQ/016
Ofqual Unit Reference Number:	A/617/4758

This unit has 3 learning outcomes

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the use of Big Data in business.	1.1. Explain the key benefits and challenges to organisations of working with Big Data. 1.2. Explain, with examples, the following types of data: a) structured b) unstructured c) semi-structured. 1.3. Explain, with examples, the 5 V's of Big Data: a) Volume b) Velocity c) Variety d) Value e) Veracity. 1.4. Explain, with examples, the different types of storage solutions for Big Data.
2. Understand how meaningful information is derived from Big Data.	2.1. Describe at least three examples that illustrate how Big Data can be used to extract meaningful information that is valuable to interested parties and / or particular organisations.
3. Be able to carry out basic analysis of Big Data.	3.1. Plan a dataset analysis, including: a) data to be analysed

	<ul style="list-style-type: none">b) aims of analysisc) tool(s) to be usedd) end-user requirements. <p>3.2. Prepare data for analysis.</p> <p>3.3. Use a recognised data analysis application to extract meaningful information from the dataset.</p> <p>3.4. Present results in a meaningful format to the end-user.</p>
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Assessment

The grid below provides suggestions for the types of assessment activities that can be used with the unit attached to provide evidence for the learner's portfolio. Please refer to the OCN London Assessment Guidance document for definitions of each activity and the expectations for assessment practice and evidence for moderation.

Case Study		Project	✓
Written question & answer/test/exam	✓	Role play/simulation	
Essay	✓	Practical demonstration	✓
Report	✓	Group discussion	
Oral question and answer	✓	Performance/exhibition	
Written description	✓	Production of artefact	
Reflective log/diary		Practice file	