

# Pearson Higher Nationals in Computing

## Assignment

### Unit 14: Business Intelligence

For use with the Higher National Certificate and  
Higher National Diploma in Computing

Assignment Brief Number: 1

First teaching from September 2017

**Issue 1**



# Higher National Certificate/Diploma in Computing

## Assignment Brief

Student Name/ID Number	
<b>Unit Number and Title</b>	<b>14: Business Intelligence</b>
Academic Year	
Unit Tutor	
<b>Assignment Title</b>	<b>Business Process Support Mechanisms</b>
<b>Issue Date</b>	
Submission Date	
IV Name & Date	

Submission Format		
Submission	to	include:
<p>Part 1: The submission is in the form of an individual written report. This should be written in a concise, formal business style using single spacing and font size 12. You are required to make use of headings, paragraphs and subsections as appropriate, and all work must be supported with research and referenced using the Harvard referencing system. Please also provide a bibliography using the Harvard referencing system. The recommended word limit is 2,000–2,500 words, although you will not be penalised for exceeding the total word limit.</p> <p>Part 2: Comprehensive table/ essay</p> <p>Part 3: The submission is in the form of a ten-minute Microsoft® PowerPoint® style presentation to be presented to your colleagues. The presentation can include links to performance data with additional speaker notes and a bibliography using the Harvard referencing system. The presentation slides for the findings should be submitted with speaker notes as one copy. You are required to make effective use of headings, bullet points and subsections, as appropriate. Your research should be referenced using the Harvard referencing system. The recommended word limit is 500 words, including speaker notes, although you will not be penalised for exceeding the total word limit.</p>		

## Unit Learning Outcomes

LO1 Discuss business processes and the mechanisms used to support business decision-making.

## Assignment Brief and Guidance

Data and information is core to any organisation and business process. The necessity of having meaningful information is the key driver for effective decision making and problem-solving. Business intelligence has evolved from technologies such as decision support systems (DSS) to include tools and methods associated with data mining, data integration, data quality and data warehousing in conjunction with other information management systems and applications.

### Part 1

Create a report about the business process and supporting process with the suitable examples.

### Part 2

Differentiate the three types of data (structured, semi-structured or unstructured data) with examples.

### Part 3.

Produce a presentation to evaluate the benefits and drawbacks of using application software as a mechanism for business processing.

(For your presentation you should do a research and include that how you can use the application software in the business process and should mention the advantages and disadvantages of using them. You should include only the summary of your findings within the slides and detailed description within the speaker notes with the citations/references within the text)

Learning Outcomes and Assessment Criteria		
Pass	Merit	Distinction
<b>LO1</b> Discuss business processes and the mechanisms used to support business decision-making		<b>D1</b> Evaluate the benefits and drawbacks of using application software as a mechanism for business processing.
<b>P1</b> Examine, using examples, the terms 'Business Process' and 'Supporting Processes'.	<b>M1</b> Differentiate between unstructured and semi-structured data within an organisation.	