

ISYS5007: Case-Study Assignment

Part A: Assignment Description

Brief Description

Write a case study comparing two scholarly papers provided in the *Articles for Case Studies Assessment* reading list in Blackboard.

Instructions

Your case study should be written in your own words, be properly referenced and contain the following sections

1. Abstract, Introduction and appropriate Literature Review
2. Data Management context through application of the 5Vs
3. Data Management Similarities & Differences
4. Discussion & Reflection

Submission Guidelines

Your case study should be (recommended) 1,500 words – excluding abstract, references and/or appendices.

Submission of your case study will be a MS-word document via Turn-It-In, no later than [23:59 Sunday 16th of April](#).

Marking Criteria/Rubric

This case study worth 30% of your overall mark for ISYS5007-Data Management. The marking criteria table/rubric is presented on the last page of this document. It will make more sense once you've read the actual assignment case and tasks required. **Part B: Specifications** section of this document describes what is involved in each section of your case-study. Take the time to compare the tasks listed, what they are worth and how they are marked.

Part B: Specifications

A case study can be defined in one of two ways:

1. A case study is the investigation of a particular person, process, group or situation over a period of time
or
2. A case study is a particular instance of something used to illustrate, discuss and/or analyse a specific phenomenon, thesis or principle.

The distinction between these two is important since once you determine what approach your case study will take, it will impact what and how you investigate. For example, if you choose #1, then you will need to be specific about what you're studying, over what period of time and if/how it relates to other cases and so on. If you choose #2, then you will need to be specific about what the thesis or principle you wish to discuss or analyse is, and use the case to illustrate your point.

Abstract, Introduction and appropriate Literature Review

The Abstract:

The abstract of your case study requires between 200 and 250 words. It should state: the (1) purpose of your paper; (2) approach to how you will investigate or examine the issues; (3) summarise any findings; and (4) state any implications of those findings.

The Introduction:

Your introduction describes the issues addressed in the two papers/cases you chose and should include a summary of details relating to previous work of similar issues or phenomenon in the literature. The "literature" is the readings, scholarly publications and research you found necessary to understand the data management (DM) concepts and terminology of the two papers you chose.

The Literature Review:

The introduction of previous and current literature does not end in this section of your case study. It should continue to inform all the following sections of your paper and will be marked accordingly. i.e., literature review score comes from how you present and discuss what other authors have said about the issues you will discuss in your paper, as well as from how you engage and discuss the literature about your case context or phenomenon throughout your paper. Make sure any ideas and/or concepts you present or discuss are well supported with citations, and well referenced.

The Body of your paper considers two things:

- You will need to clearly identify the DM issues and or context, of your chosen papers. For example: data acquisition, data integration, data cleaning, analysis, publishing, storage, security or privacy. Using the 5Vs (volume, velocity, variety, veracity, and value) to help ground your observations and discussion.

Build on your DM context section by comparing and contrasting the DM issues, requirements, and approaches described by the authors of your chosen cases/papers in terms of similarities and differences.

Discussion & Reflection

Reflection: Describe also how the case studies support what you already know about DM (e.g. from the workplace, prior formal or outside learning) and/or the DM terminology and concepts that were new or that you learned as a consequence of writing your paper. Evaluate how you anticipate applying what you have learned from your case-study in the future with a particular focus on how this will inform your approach to your Data Management Plan assignment later in the semester.

Your assignment is worth 30% of your overall mark for ISYS5007-Data Management, and the marking criteria is as follows:

- A summary of the rubric is below. A more detailed rubric will be released in Blackboard:

Rubric/Marking Criteria																	
Group No & Student names/Nos		Below expectations								Above expectations							
		ND					C			D		HD					
Criterion	sub	0%	25%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	Tot	
1. Abstract, Introduction, Literature Review	25	0.00	6.25	11.25	12.50	13.75	15.00	16.25	17.00	18.75	20.00	21.25	22.50	23.75	25.00		
2. DM in context: 5 Vs informs your context	25	0.00	6.25	11.25	12.50	13.75	15.00	16.25	17.00	18.75	20.00	21.25	22.50	23.75	25.00		
3. Similarities & Differences	25	0.00	6.25	11.25	12.50	13.75	15.00	16.25	17.00	18.75	20.00	21.25	22.50	23.75	25.00		
4. Discussion & Reflection	15	0.00	3.75	6.75	7.50	8.25	9.00	9.75	10.20	11.25	12.00	12.75	13.50	14.25	15.00		
5. Writing & Referencing / Presentation	10	0.00	2.50	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00		
NOTES	XXX	Final mark (%)															