



SIT103

Data and Information Management

Learning Summary Report

Self-Assessment Details

The following checklists provide an overview of my self-assessment for this unit.

	Pass (P)	Credit (C)	Distinction (D)	High Distinction (HD)
Self-Assessment				✓

Self-Assessment Statement

	Included
Learning Summary Report	✓
Pass tasks complete	✓

Minimum Pass Checklist

	Included
All Credit Tasks	✓

Minimum Credit Checklist (in addition to Pass Checklist)

	Included
All Distinction tasks	✓

Minimum Distinction Checklist (in addition to Credit Checklist)

	Included
Something Awesome included	✓
Helping Others	✓

Minimum High Distinction Checklist (in addition to Distinction Checklist)

Declaration

I declare that this portfolio is my individual work. I have not copied from any other student's work or from any other source except where due acknowledgment is made explicitly in the text, nor has any part of this submission been written for me by another person.

Signature: **KENISHA CORERA**

Portfolio Overview

This portfolio includes work that demonstrates that I have achieved all Unit Learning Outcomes for SIT103 Data and Information Management to a **High Distinction** level.

Learning Plan Check in

For the SIT103 module, I require a Higher Distinction because of the amount of effort and commitment I've made to learning a whole new concept outside of my previous academic courses. I'm learning how to create databases for the first time, therefore if someone asked me how to use SQL queries to develop a simple application, I could not answer them. And directives Three months prior, I would have strongly declined. However, I would now answer "yes" with confidence if someone asked me the same question. I consider it to be a significant accomplishment in and of itself, earning me this grade. However, I didn't stop there—in addition to learning SQL and databases, I also acquired several other skills.

First of all, I can now interpret and clarify basic ideas of data, knowledge, and information in addition to writing SQL commands. I can also show that I grasp the distinctions between databases and traditional file systems. I had to complete a reflection on data-driven systems for job 1.1p, which required me to put that quality to the test. I couldn't have finished the assignment if I didn't know the distinction between databases and conventional file systems. Because data-driven applications, unlike databases, tend to have a lot more mistakes, they cannot run on conventional file systems.

After that, I gained the ability to create, carry out, assess, and manage relational Describe the functions of various SQL commands and procedures and describe database systems employing SQL and Database Management Systems. I gained knowledge about installing and using relational databases from tasks 1.2p. I discovered how to use the database and SQL queries to generate real tables with a large number of columns and rows in job 5.1p. Numerous more jobs, including task 6.1p, which taught me how to use SELECT and JOIN, also assisted me in learning new commands. All of them enabled me to acquire the previously stated insights.

Lastly, I honed the ability to assess and evaluate learning outcomes accomplishments and defend meeting predetermined outcomes by offering pertinent evidence and assessing the caliber of that evidence in comparison to predetermined standards, which is precisely what I did in the previously mentioned paragraphs. I now have the ability to defend the traits I've acquired this semester. For this module, I should receive a Higher Distinction as I not only gained an understanding of the SQL program and procedures, but I also developed all the attributes listed above.

Reflection

The most important things I learnt:

- The ability to construct and delete tables, columns, and rows using SQL commands is the most significant lesson I took away from this training. This was incredibly helpful for tasks, 4.2c and 7.2c that involved constructing and modeling databases. The programming for them was considerably more intricate than for nearly every other task. However, those tasks would not have been feasible if these instructions hadn't been introduced. These exercises put my patients to the test and forced me to go above and beyond.

The things that helped me most were:

- Clearly, the most helpful resources for me in this module were the lecture notes and the instructor. The instructor was available to answer any questions I had concerning the assignments and classes at any time of day or night. The films that were included with the assignments were also very helpful to me. They helped me plan ahead for what I wanted to do and how I wanted to do each assignment.

I found the following topics particularly challenging:

- Not just one or two, but a few topics stood out to me as difficult: third normalization, SELECT and JOIN, and PL-SQL. I was able to use them in the task codes despite their difficulty.

I found the following topics particularly interesting:

- The graphics are, in my opinion, the most fascinating topic. The most fascinating sections are the UML diagrams, context diagram, and entity relationship. I particularly enjoy simplifying things, and with the help of these diagrams, I was able to do so with the databases. I've used these a lot, and each time I did, I felt at ease and intrigued.

I feel I learnt these topics, concepts, and/or tools really well:

- To be more precise, I thought it was the database modeling and all the diagrams that were used to model the database, even if almost all of the topics are taught really well. Since the start of the course, we have been using them, and nobody has had any issues.

I still need to work on the following areas:

- I think I still need to practice writing DML and DDL queries, SELECT and JOIN queries, and PL-SQL queries. They cause me problems all the time.

This unit will help me in the future:

- My knowledge of SQL queries and database administration will be useful when I work in the IT industry as a data engineer, programmer, software developer, and administrator. I learned how to code from this module, but I also learned how to complete a task accurately, promptly, and appropriately. Managing stress was another important lesson that was imparted.

If I did this unit again I would do the following things differently:

- I would make an effort to do the work as soon as they are assigned because, as I realized this semester, I did not have enough time to finish my assignments.

Other...: