**Data Warehousing**

**Data Warehouse Final Project**

**Task 2A – Presentation**

**Date Due (See Canvas)**

The presentation portion of this task is a follow-up to your requirements and design document that has already been delivered. The purpose of this presentation is to explain the key aspects of your design and to describe to the class how your design is useful in addressing your business case. Your presentation must be able to stand on its own.

Your presentation will be evaluated on having a professional, relevant format, and for submitting it correctly and on time.

The presentation needs to be between **10-13 mins** long. I will cut you off after this time and deduct marks for going over the allocated time so please practice your presentation delivery to ensure this requirement is met.

The presentation should have the following components in this order.

**Business Overview**

* Introduce your topic and business case, discussing how the warehouse will improve the organisation.
* Discuss the business questions you answer with your data warehouse and the associated reports. (It is okay to modify your business questions from the previous deliverable if required.)

**Dimensional Model**

* Show the final dimensional model
* Describe the dimensions, why they were chosen, key attributes, and any hierarchies in the dimensions. Identify the SCD type 2 fields.
* Describe your measures. Are any not fully additive?
* List the total number of records you have in your dimension and fact tables.

**ETL Overview**

* Briefly discuss how you loaded the source data into the warehouse; tools, consolidations, etc.
* ETL Tips / lessons learned – Discuss at least one thing learned during ETL that would have made the process easier.

**Business Reports**

* Show at least 2 reports.
* Discuss the SQL functions used to generate the reports and the business knowledge gained from the report.
* Discuss additional reports that could be generated to further analyse the business.
* Discuss potential additional data sources (if any) to allow further business analysis.

**Lessons Learned**

* What you would do differently next time you design a data warehouse.

**Q & A (to follow the allocated time)**

## Presentation Submission

The final presentation due date (on Canvas) is earlier than the final project deadline*.* This provides you some extra time to fix up loose ends or errors on the project that may come up during the final presentation. I strongly suggest to make every attempt to get the final project as close to “done” as possible by the time you make your presentation.

## Submitting Your Project

Note that there are several deliverables as part of this project, and correct submission of these deliverables is part of the project score. Please be sure to submit all of them correctly.

*It is suggested that you assign one group member to be the “Compliance Officer” to make sure all deliverable requirements have been met.*

1. ***Presentation***

Submit via Canvas a zip archive with the name Group\_X\_Presentation.zip where X is your group number. The archive should contain the following files:

− Group\_X\_Design.vsd – Data Model design in Visio format. If you used the database diagram tool in SQL Server, you can submit a PDF or JPG file of that image.

− Group\_X\_Presentation.ppt – the file you used for the other aspects of your presentation.