

FIT3003 S2 2023 Major Assignment Marking Guide

TASK	MARKING CRITERIA	MARK
C1 Data Warehouse Design		
ER Diagram	Provide ER diagram with correct relationships, clear identification of PK and FK for each table	5
Data Cleaning	Identify at least 5 correct data errors and perform appropriate data cleaning	10
Star Schema Version-1	Star schema design is correct with all dimensions and fact measures required Star schema version 1 has high level of aggregation while version 2 has no level of aggregation	50
Star Schema Version-2		
Explanation of the differences between two star schema versions	Provide sufficient explanation on the difference between Star schema version 1 and 2 Provide sufficient understanding on the difference between different levels of aggregation	
Explanation of SCD type	Provide sufficient explanation on the difference between different SCD types Provide sufficient explanation for the choice of SCD type(s) for any temporal dimensions in your star schema if there are any	
C2 Star/Snowflake Implementation		
Star Schema Version-1 implementation	Correctness of the star schema implementation Implementation is interconnected with the star schema design Codes run without errors SQL statement presented in the PDF file. Provide screenshots of the contents Zero mark for the implementation if SQL files are not runnable or Missing SQL files or Submitting wrong SQL files.	35
Star Schema Version-2 implementation		
Additional Criteria		

Report Document Readability	Report is neat and clear with sufficient headings and consistent format	Up to 15 marks deduction
Code Readability	Codes are given with proper comments and indentation	
Correct and relevant file submission	All required files are provided according to the submission checklist	
Timely submission	10% penalty each day for late submission	
Contribution equality	Unequal contribution between members may result in penalty. Weekly Contributions will be checked by the allocated tutor regularly during the labs.	
Major assignment checkpoints		
Checkpoints 1, 2, 3	The checkpoint will be conducted during the Week 8, Week 9 and Week 10. Please check MA specification for more details.	3%