

STUDENT

Alan Hather

GRADE 70%

Task 1

OLTP v. DW Good succinct description with clear examples, although these would be better drawn from the case study example rather than more generic ones. Better to use the term 'dimensional' to describe the structure of a DW rather than 'OLAP'.	10	7
DW Architecture Put the diagram in the text rather than in an appendix, as it's an important part of what you're trying to describe rather than just some extra information. Always label your diagrams so you can include a table of figures at the start of the report. This describes a generic DW architecture but needs some examples drawn from the case study itself.	20	13
Data Marts Again, good in generic terms but needs more examples from the case study itself.	10	7
Normalised v. Dimensional A normalised database uses facts and dimensions, not OLAP cubes and dimensions. An OLAP cube is an analytical construct rather than a storage construct. Good use of relevant examples.	10	6
TOTAL	50	33

Task 2

Source Systems Make sure that the text on the diagrams is large enough to read. It would be better to just list the source systems as you've done in the table as the diagram is better suited to discussions of the star schema.	5	4
Star Schema Basic structure is good, although the diagram text is far too small. Think about how you can make your diagram fit into an A4 page (you can always set the page landscape rather than portrait) so that the text is readable. Good inclusion of master data, aggregate data and metadata.	25	18
Data Marts Good set of data marts, well justified.	10	9
ETL The ETL plan is sound, although a better approach would be to describe the main processing problems that arise in the ETL process in the main part of the report and then put the full ETL plan in an appendix.	10	6
TOTAL	50	37