
	<p style="text-align: center;">Hashemite University Prince Al-Hussein bin Abdullah II Faculty for Information Technology Department of Computer Information Systems</p>	
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For Instructor Use	
Course Name	Data Warehousing
Course ID	151002350
Academic Year	2021/2022
Semester	Summer Semester
Assignment	1
Due Date	Tuesday 24/8/2022, 2:00 PM

For Student Use	
Student Name	
Student ID	
Instructor Name	
Section ID	
Seat No.	

For Instructor Use:		
CLO	Max. Score	Student Score
F (ABET)	20	

Assignment 1: Technical Report

Technical Report Topics (You should choose one of the following):

- 1) Hadoop file system and its usage in Facebook.
- 2) Metadata concepts, Categories and managements.
- 3) Data warehouse and data mining.
- 4) Data mining issues and data mining tools.
- 5) Oracle warehouse builder.
- 6) Data Mining visualisation tools.
- 7) ETL tools in data warehouse (Extract, Transform, and Loading).
- 8) Data warehousing and analytics infrastructure at Facebook.
- 9) Data summarising (concepts, current approaches).
- 10) Web log clickstream Datawarehouse.
- 11) Big Data solution in oracle.

Technical report is typically used to translate technical and scientific concepts into explanations that non-experts can understand. To this end you should explain complex concepts by using clear examples, graphics, and other techniques.

Your audience for this assignment is your classmates. You should research your topic by consulting at least five written sources. The written sources should not include magazines or newspaper articles. You should use formal sources such as scientific journals, technical books or technical reports.

Write a report of 6-10 pages. Your report should be easy for your non-expert audience to understand. Cite all sources used at the end of your report.

The assessment criteria include:

- Does your report interest your audience and its scope appropriate for them? (20%)
- Does it include relevant information for the audience's needs and appropriate for the audience's knowledge level concerning the topic? (20%)
- Did you use your source material effectively and ethically? (20%)
- Is the style of the report appropriate for your audience and all technical terms and concepts explained clearly for the reader? (40%)