

Unit 2 Assignment:

Databases, Retrieval, and Storage

Unit outcomes addressed in this Assignment:

- Describe how the design of a database can affect data quality, integrity, and security.
- Discuss the role of a data dictionary in ensuring both the quality of enterprise-wide data and data within a specific database application.
- Explain the concept of data warehousing and its application to decision support.

Course outcome(s) assessed/addressed in this Assignment:

HI300-3: Formulate a secure storage and retrieval process for healthcare data.

PC-3.2: Interact with others in a professional manner using appropriate communication and presentation skills.

Instructions

Create a PowerPoint that highlights each of the topics below. This presentation needs at least three slides for each topic. You are to have a minimum of 15–20 slides for new HIT students. Please utilize the information from pages 879–903 and all of Chapter 15. Concentrate on the following topics:

- Databases
- Data dictionaries, data mining, and data warehouses
- Characteristics of data quality
- Electronic healthcare information applications
- Clinical information systems

Please use the notes section for clarification or elaboration, such as definitions.

Requirements

- This Assignment should follow the conventions of Standard American English (correct grammar, punctuation, etc.). Your writing should be well ordered, logical and unified, as well as original and insightful. The resources used (including your text) should be properly cited. Your work should display superior content, organization, style, and mechanics.

Please be sure to download the file “Writing Center Resources” from Doc Sharing to assist you with meeting APA expectations for written assignments.

Submitting Your Work

Put your responses in a PowerPoint document. Save it in a location and with the proper naming convention: username-CourseName-section-Unit 2_Assignment.doc (username is your Kaplan username, section is your course section, 2 is your unit number). When you are ready to submit it, go to the Dropbox and complete the steps below:

1. Click the link that says “Submit an Assignment.”
2. In the “Submit to Basket” menu, select Unit 2: Assignment.
3. In the “Comments” field, make sure to add at least the title of your paper.
4. Click the “Add Attachments” button.
5. Follow the steps listed to attach your Microsoft Word document.

To view your graded work, come back to the Dropbox or go to the Gradebook after your instructor has evaluated it. Make sure that you save a copy of your submitted project.

Unit 2 Assignment Grading Rubric = 50 points

Assignment Requirements	Points possible	Points earned by student
Databases information included	0–10	
Data dictionaries, data mining, and data warehouses included	0–10	
Characteristics of data quality included	0–10	
Electronic healthcare information applications included	0–10	
Slide creation: Presentation flows well and logically. Presentation reflects extensive use of tools in a creative way. Correct number of slides included.	0–10	
Total (Sum of all points)		

Points deducted for spelling, grammar, and/or APA errors. (See Writing Deductions Rubric in Doc Sharing)	
Adjusted total points	
Instructor Feedback:	