

Database for Life: Chapter 02 Database Models

In this chapter, you learned about several different data models, why data models are important, and the basics of building data models. You also learned about how business rules impact database design consideration. As we collect more data (structured and unstructured) from different sources, new alternative models are emerging to fulfill the needs of such data.

There are many professional careers in demand based on data. For this Database for Life activity, you will explore the tools available for converting unstructured data into meaningful information.

1. You will explore and research tools available for unstructured data at <https://www.mongodb.com> and <https://hadoop.apache.org/>
2. These two web sites will allow you to understand how unstructured data can be included in the data models.
 1. Research how cloud computing and edge computing will change the emerging dynamics of developing data models.
 2. How do you accommodate various forms of data for analysis, text-analysis for chatbots, etc.?
 3. What skills are needed to be a developer of such emerging data models?
3. Go to the discussion feature of the Learning Management System (LMS) used by your school or organization and post your research summary (minimum of 200 words) to your LMS.
4. Your post must be unique and not a post that another student has already commented on for this class.
5. Finally, post a reply to two other students' initial postings (minimum of 100 words).

Grading Rubric

Category	Description	Points Possible	Points Earned
Content of Posting	Posting integrates research and understanding of the materials related to discussion question(s) and provides practical connections to the topic. Met the minimum words requirement.	60	
Format of Posting 1	Grammar, spelling, punctuation	5	
Content of Response	Appropriate comments: Related to discussion question(s), reflective and thoughtful, and respectful of other's opinion and postings. Must respond to two other students' initial postings. Met the minimum words requirement for each response.	30	
Format of Response 2	Grammar, spelling, punctuation	5	
Total Points		100	