

Database for Life: Chapter 01 Database Concepts

In this chapter, you were introduced to the professional careers in Database. Data is the new gold. Data Science/Data Analytics is a new and emerging field including Artificial Intelligence (AI) and Machine Learning (ML). These career tracks require tremendous amount of data—Big Data.

Facebook makes billions of dollars by selling the user data to advertisers. There are many professional careers in demand based on data. For this Database for Life activity, you will explore the careers in the new Data Science/Analytics field.

1. You will explore and research the career in Data Science and Data Analytics at www.indeed.com (<https://www.indeed.com/career-advice/careers/what-does-a-data-scientist-do>) and www.linkedin.com
2. These two web sites will allow you to do query related to the Data Science/Data Analytics career track. Check out some job descriptions.
 1. Make a list of skills sets require for such career track.
 2. What are the titles of such jobs in this new and emerging field?
 3. Which software are used in this field?
 4. Where are the most job locations?
 5. What is the entry-level salary?
 6. Which companies provide internships?
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 word requirement. | 60 | |
| Format of Posting 1 | Grammar, spelling, punctuation | 5 | |
| Content of Response to other student's posting. | 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 word requirement for each response. | 30 | |
| Format of Response 2 | Grammar, spelling, punctuation | 5 | |
| Total Points | | 100 | |