**Outline**

**Chapter 5 (Database Processing) take-aways:**

1. A database is a collection of organized and stored information in an electronic device and is accessible in various ways.
2. Organizations use the database to keep track of things that involve multiple concepts.
3. A database management system (DBMS) entails collecting related information and a set of programs to access the report.
4. Database applications are essential in making database information more helpful.
5. The normalization process allows the design team to remove duplicate information and poor table structure.

**Chapter 6 (The Cloud) take-aways:**

1. Organizations are moving to the cloud because of the benefits which the cloud has on businesses.
2. Companies use the cloud in different ways; one of the ways is through a pooling of resources.
3. LAN is one of the network technologies which can support the cloud.
4. Internet works through a process where it transports data from one place to the other.
5. One way of using cloud services is through a virtual private network that involves an encrypted connection that allows for the transmission of sensitive information from one device to the other.

**How does this article relate to the readings? (in your own words\* at least 75 words):**

1. The article relates to the readings by showing the issues and concerns of dealing with data and internet devices.
2. The article explains why many healthcare facilities are turning to electronic healthcare records and how it has put them at risk when it comes to data breaches.

**Summary of the article**

1. The article explains the information security, confidentiality, and privacy of electronic health records.
2. Most users employ electronic health records due to the expected benefits, but they also encounter data privacy concerns.
3. Efficient encryption schemes are among the methods that can improve the safety of sensitive data in electronic documents.

**How could this apply to your life/work life/career goals?**

1. The article concepts are applicable in life because people interact with data daily.
2. Likewise, my career goal is to increase professional knowledge in issues concerning information and technology.

References

David. Boyle Kroenke (Randall.). (2018). *Pearson Mylab Mis with Pearson Etext-Instant access-for using Mis, Global Editon*. Pearson Education Limited.

Keshta, I., & Odeh, A. (2020). Security and privacy of electronic health records: Concerns and challenges. *Egyptian Informatics Journal*. https://www.sciencedirect.com/science/article/pii/S1110866520301365