



Module 9 Classwork

I. Give an example of each data roles and responsibilities.

Data Owner	Overall authority and accountability for the data.
Data Steward	Manages the quality and integrity of the data.
Data Custodian	Responsible for the technical aspects of storing and securing data.
Data Privacy Officer (DPO)	Ensures compliance with privacy laws and data protection regulations.
Data Controller	Decides the purpose and means of processing personal data.
Data Processor	Processes data on behalf of the data controller

Data Owner	Overall
Data Steward	Manage
Data Custodian	Responsible
Data Privacy Officer	Ensures
Data Controller	Decides
Data Processor	Process

Ex: The Head of Human Resources

Data are classified into 5 levels:

Top secret

Highly confidential information

Proprietary information

Information for internal use

Public documents

in a company is

a Data Owner. They "own" employee data (e.g., salary, performance, personal details) and decide who can access it and for what purpose

2. Give an example of each level of data classification.

Ex: Military plans is a **TOP SECRET**.

3. There are 3 critical states of data security such as **(1) Data at Rest**, **(2) Data in Use** and **(3) Data in Transit**. Explain each state and give an example.

4. Explain and give an example of the data technologies below:

- Data access control
- Data Encryption
- Data Masking
- Data backup
- Data Destruction
- Data Retention

5. Explain the concept and give an example about Data Loss Prevention (DLP).