Identifying_OpenMRS_Information_Types

Exercise:

Let's make a quick data inventory. List three types of information that your OpenMRS system stores. Be broad or specific, up to you. Once you have them, jot a note next to each on how sensitive you think that data is. Use simple terms like high/medium/low or just write a concern ("contains PII and health details – very sensitive").

Also consider: which data type would cause the biggest problem if it leaked or got corrupted? This quick classification will be useful later when we think about **Risk Impact**.

Answer:

OpenMRS Data Inventory Information Types:

· Patient personal information - High

· Medical and Clinical Data - High

· Billing and insurance information data - High

· User account information - Medium

· Treatment and Medication Information - High

· User and Staff Information - Medium

· Metadata and Configuration - Low

· Analytics/Reports Data - Medium

· System configuration data - Low

I think Patient personal information and Medical and Clinical Data would cause the biggest problems if they leaked or got corrupted.

- If leaked: These data types both contain extremely sensitive, private details that could lead to serious privacy violations, identity theft, medical fraud, discrimination, and reputational harm for both patients and the healthcare organization.

- If corrupted: Inaccurate patient personal or clinical information could result in harmful medical errors, misdiagnoses, incorrect treatments, or legal liabilities.

Therefore, these two data types represent the highest risk in both confidentiality and integrity contexts.