TYPES OF DATABASES

1. Relational Databases (RDBMS)
2. NoSQL Databases
3. Object-Oriented Databases
4. In-Memory Databases
5. Time-Series Databases
6. Spatial Databases
7. Multimedia Databases
8. Columnar Databases
9. XML Databases
10. NewSQL Databases
11. Blockchain Databases

SQL

TYPES OF DATABASES

- **Relational Databases (RDBMS)**– These databases structure data into organized tables that have predefined connections between them. Data manipulation and querying are performed using SQL (Structured Query Language). Well-known instances encompass MySQL, PostgreSQL, Oracle Database, and Microsoft SQL Server.

- **NoSQL Databases**– NoSQL databases are created to handle data that doesn't fit neatly into the strict setup of traditional relational databases. Ex– MongoDB(Document Oriented DB)

TYPES OF DATABASES

- **Object-Oriented Databases**– These databases hold objects (data and actions) utilized in object-oriented programming. They work well for applications with intricate data designs, like scientific simulations or multimedia software.

- **In-Memory Databases**– In these databases, data is kept in the primary memory (RAM) rather than on a disk, leading to quicker data retrieval. They're employed in applications that demand instant data processing and top-notch performance.