

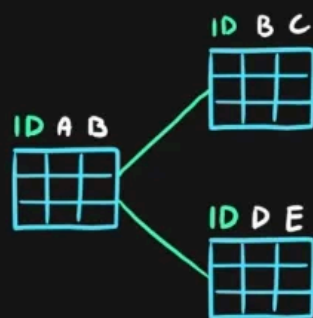
Database Services

Skills Learned

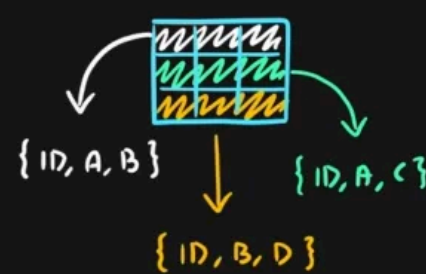
- Describe the benefits and usage of
 - Azure Cosmos DB,
 - Azure SQL Database,
 - Azure Database for MySQL,
 - Azure Database for PostgreSQL, and
 - Azure SQL Managed Instance

Types of data

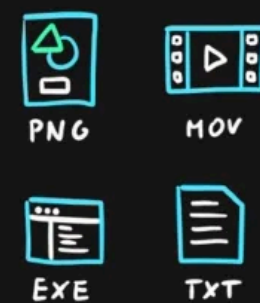
STRUCTURED



SEMI-STRUCTURED



UNSTRUCTURED



Azure Cosmos DB

SEMI-STRUCTURED

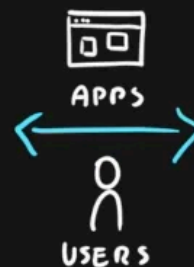
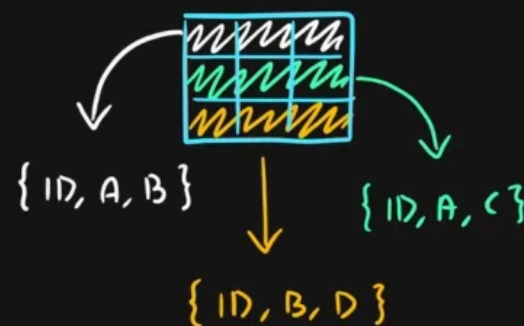
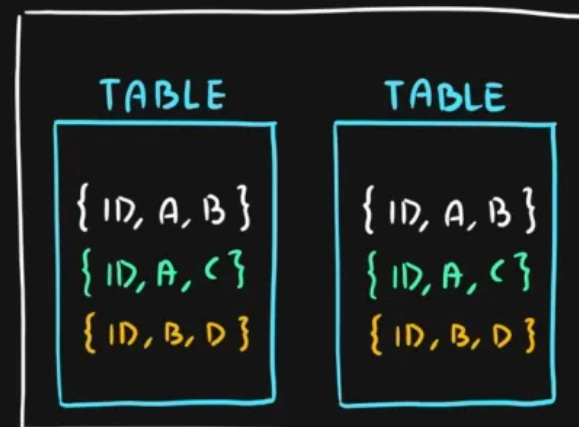


TABLE STORAGE



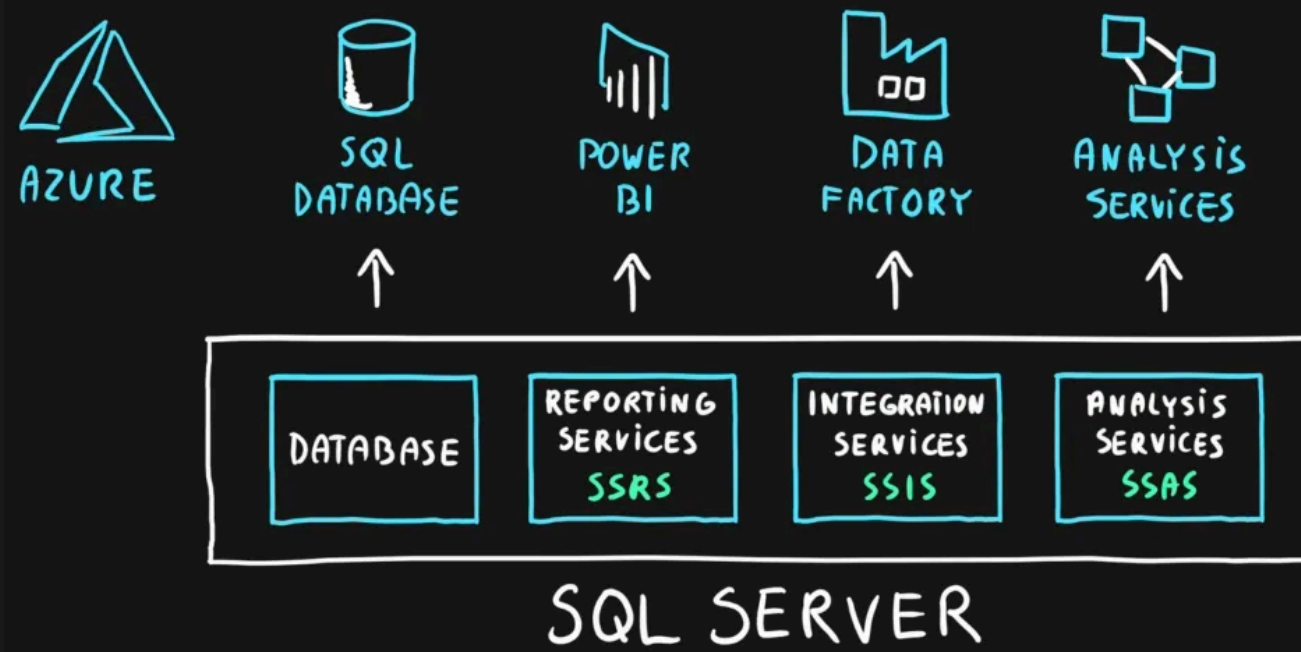
Key Characteristics

- Globally distributed NoSQL (semi-structured data) Database service
- Schema-less
- Multiple APIs (SQL, MongoDB, Cassandra, Gremlin, Table Storage)
- Designed for
 - Highly responsive (real time) applications with super low latency responses <10ms
 - Multi-regional applications

Key Characteristics

- Relational database service in the cloud (PaaS) (DBaaS - Database as a Service)
- Structured data service defined using schema and relationships
- Rich Query Capabilities (SQL)
- High-performance, reliable, fully managed and secure database for building applications

Azure SQL Database



Azure SQL

