**Azure SQL Database**

Azure SQL Database is a fully managed relational database service built on Microsoft SQL Server, offering high availability, scalability, and security. It eliminates infrastructure management and supports built-in intelligence for performance tuning.



**Features :**

1. **Fully Managed Service** – Microsoft handles backups, patching, monitoring, and high availability.
2. **Scalability** – Easily scale resources up or down with minimal downtime using DTUs or vCores.
3. **Built-in Intelligence** – Automatic tuning and performance insights improve query efficiency.
4. **Advanced Security** – Offers data encryption, threat detection, and Azure AD authentication.
5. **High Availability & Disaster Recovery** – Built-in features like geo-replication and failover groups ensure data resilience.