

## **Section 1: Database & Python ETL**

### **➤ Provision one database**

- SQL stands for structured query language. It uses commands such as "select", "insert", "update", "delete". Some common relational database management systems that use SQL are: Oracle, MySQL, Microsoft SQL Server, PostgreSQL, etc.
- SQL Provision combines SQL Clone and Data Masker for SQL Server to enable software teams to deliver database environments at the speed required by modern development practices, while ensuring the security of sensitive data subject to GDPR, HIPAA, CCPA, and other regulations.
- The main futures of a SQL database are:
  - Data Definition Language(DDL)
  - Data Manipulation Language(DML)
  - Relational Foundation.
  - High-performance.
  - Scalability.
  - Security and authentication.
  - Vendor Independence.
  - Portability across different computer systems.
  - Programmatic Database Access.