

## 04-database-drawbacks.md

### **Drawbacks of Databases**

#### **1. Complexity**

Database systems are difficult to design and maintain.

#### **2. Cost**

High cost of hardware, software licenses, and skilled staff.

#### **3. Scalability Issues**

Performance may degrade as data volume increases.

#### **4. Data Integrity Challenges**

Multiple users updating data simultaneously can cause conflicts.

#### **5. Security Risks**

Databases are vulnerable to unauthorized access and cyber attacks.

#### **6. Data Migration Issues**

Moving data between systems is time-consuming.

#### **7. Low Flexibility**

Rigid schema makes changes difficult.

### **Key Point for Revision**

**Databases provide power but come with cost and complexity.**