

Database Management System Notes

Database Management Systems (DBMS) handle storage, retrieval, and management of data. ■■

Key Topics: 1. ER Model — Represents data and relationships. 2. Normalization — Minimizes redundancy. 3. SQL — Used for querying data. 4. Transactions — Ensures ACID properties (Atomicity, Consistency, Isolation, Durability). 5. Indexing — Speeds up query processing. 6. Joins — Combine data from multiple tables. ■ Tip: Practice SQL joins and normalization problems for strong fundamentals.