**Coursera Databases – Transactions (Section 12)**

**Videos**

* **12.1 Introduction to transactions**
* **12.2 Transaction Properties**
* **12.3 Isolation levels**

A transaction is a logical unit of work, typically involving several database operations.

A transaction typically begins when **BEGIN TRANSACTION** is executed and terminates when **COMMIT** (normal termination) and **ROLLBACK** (abnormal termination) is executed.

Transactions are guaranteed to be atomic, durable and isolated from one another.

Transactions are also guaranteed to be isolated from each other.

The interleaved execution of a set of concurrent transactions is (usually) guaranteed to be serializable.