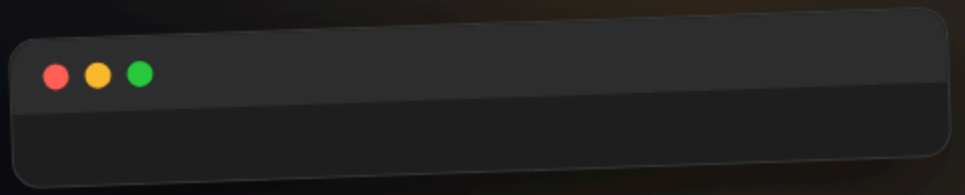
PART 10 of 13

SQL & DATABASES

Distributed vs Central

Replication · Excel



SQL & DATABASES

PART 10 OF 13

Centralized vs Distributed Databases, Replication, and Database vs Excel

Section 11: the pros and cons of centralized and distributed databases, replication from primary to replicas, hot and cold snapshots, clustering and failover, and why a real database beats an Excel spreadsheet (limits, concurrent users, ACID and recovery).

0:00	Distributed vs centralized	2:29	Snapshots: hot and cold
0:11	Centralized: pros and cons	3:33	Clustering and failover
0:42	A small university system	4:41	Database vs Excel and CSV
1:15	Distributed: pros and cons	5:14	Limits and concurrent users
1:51	Replication	6:23	ACID and point-in-time recovery

COMMANDS SHOWN IN THIS PART


```
$ (no commands in this part)
```

Watch the full video
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Previous: Part 9 – SQL by Example: CREATE, ALTER, DROP, INSERT, UPDATE, SELECT, GRANT, REVOKE
Next: Part 11 – Connect to a Database from Code: Python, pandas, Java JDBC and REST APIs