

In this Video you will learn...

***Introduction to Cloudant***

# based on OpenSource

- found 2008 by MIT researchers
- used to solve “big data” problem of “large hadron collider”
- “born on the cloud”
- using ApacheCouchDB NoSQL as core

# BigData ready

- ApacheCouchDB was not scalable
- Cloudbant implemented and donated BigCouch
- Multi-Version Concurrency Control (MVCC)
- ACID semantics
- Replicated, distributed Architecture, offline support
- Eventual Consistency guarantee

# Summary

- thousands of clients worldwide
- Ideal for storage of IoT sensor data
  - extraordinary high data ingestion rates possible
  - storage cost relatively low
  - dynamic scaling to cope with changing resource demand