



# Managing Data & Databases

Session 19

NoSQL, Hadoop and Big Data Stacks

# What about non-relational databases?

- NoSQL

- Document Databases

- CouchDB

- MongoDB

- Key-Value Databases

- Redis

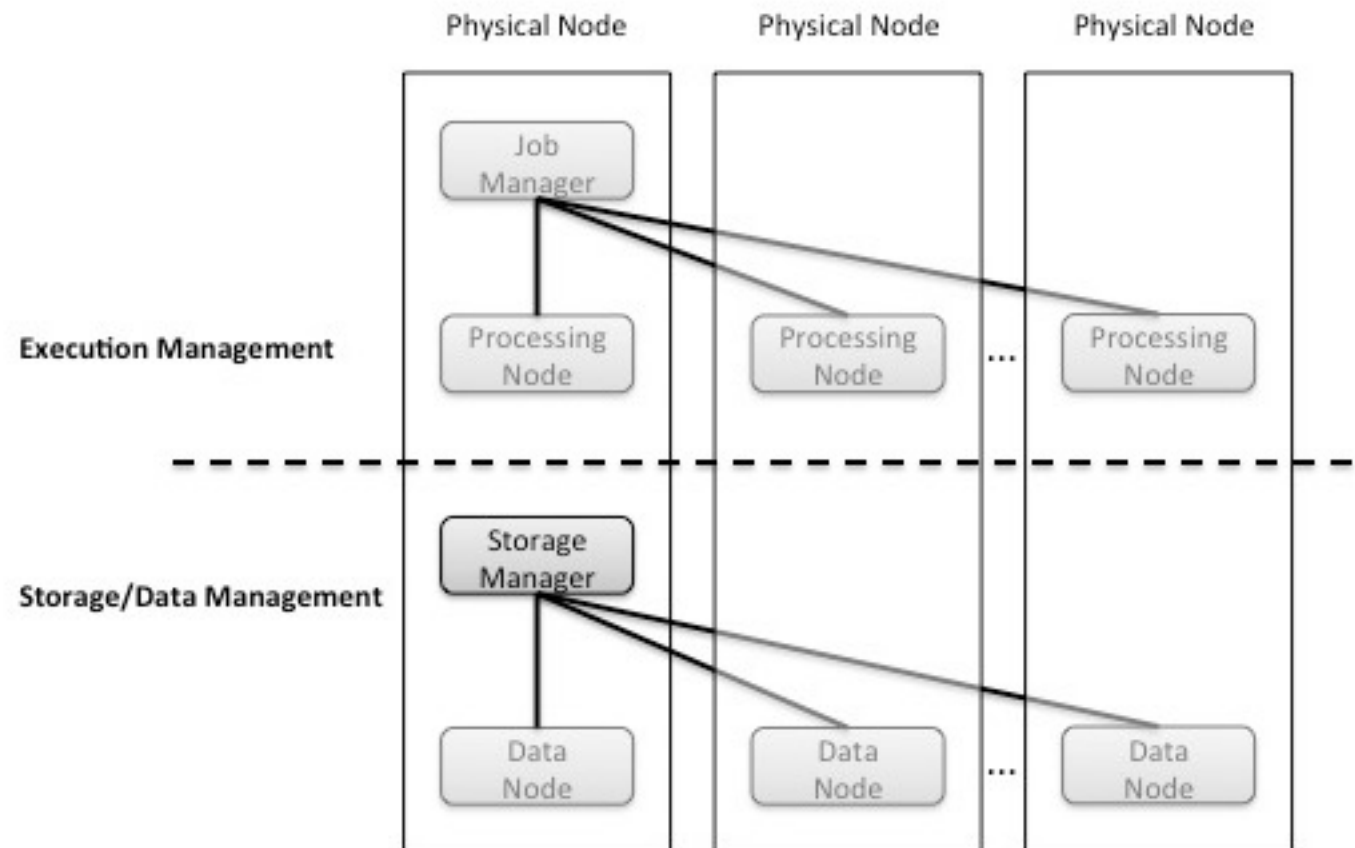
- DynamoDB

- Graph Databases

- Neo4j

- Titan

# Big Data Stack - General Architecture



# Hadoop: The elephant in the room

- Hadoop Platform
  - Storage: HDFS
  - Execution: MapReduce



# A MapReduce way of doing things

