

Module II:

Toolset Introduction

On ApacheSpark, NoSQL, ObjectStorage and the rest...

In this Video you will learn...

The storage cost calculator

Summary

- Storage cost can increase dramatically
- ObjectStorage is the solution to data explosion
- Lower storage footprint allows for usage of
 - SQL databases
 - NoSQL databases

Quiz

- You are deploying 100 temperature and soil humidity sensors at a sampling rate of one message per minute to generate alerts based on thresholds - what would be the best storage option?
 - SQL database
Correct: The amount of data is very low and the schema is very stable. For that kind of data a SQL database is suited best
 - NoSQL database
False: Although a valid option, the amount of data is very low and at that rate it is very unlikely that the database has to be scalable. In addition the schema is very stable.
 - ObjectStorage
False: The amount of data is very low and at that rate it is very unlikely that storage cost will be an issue. In addition the schema is very stable.

The next Video covers...

Introduction to ApacheSpark