BigData Engineer Syllabus (Full Stack)

HADOOP | DOCKER CONTAINER | AWS | AZURE | SNOWFLAKE

Presented By

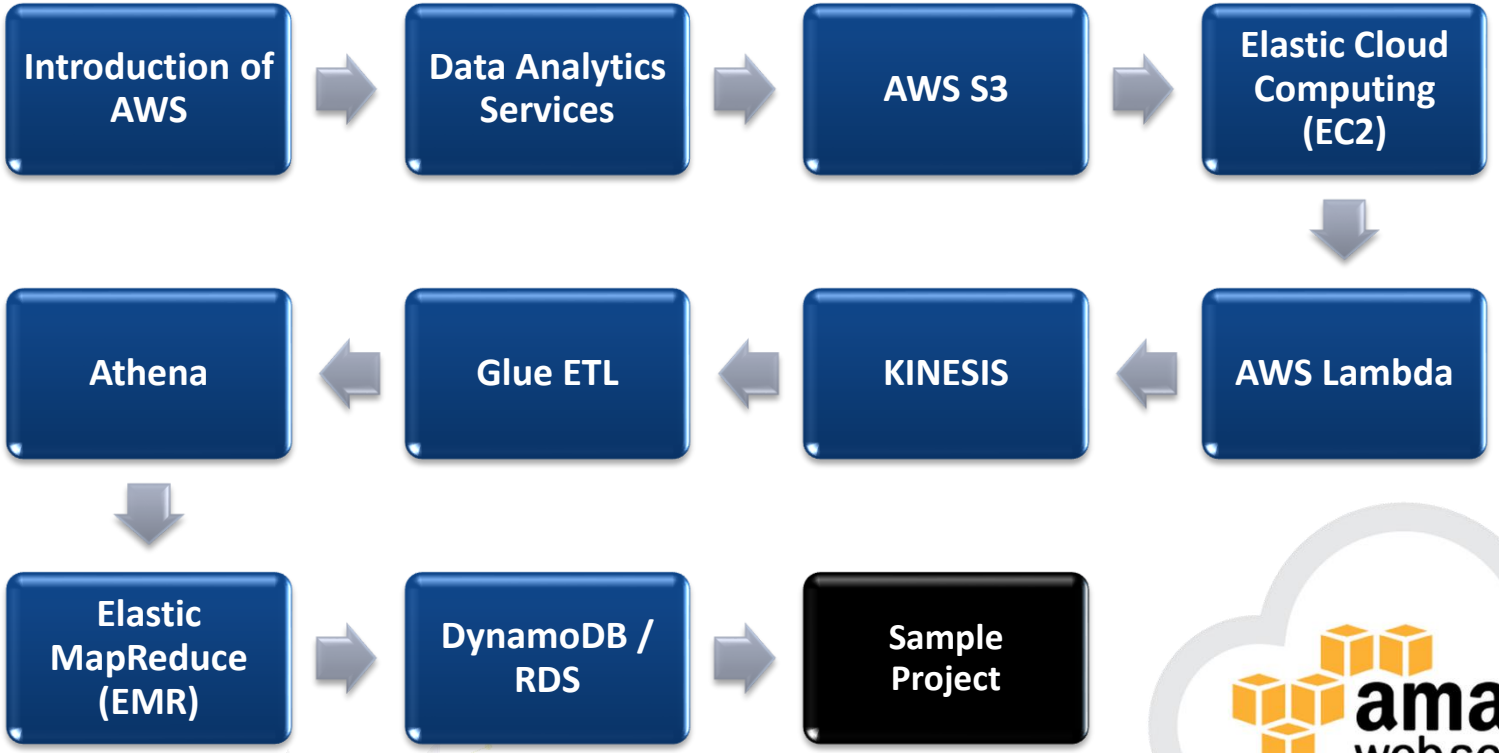
BigDatapedia ML

Contact us @ +91 9715 010 010

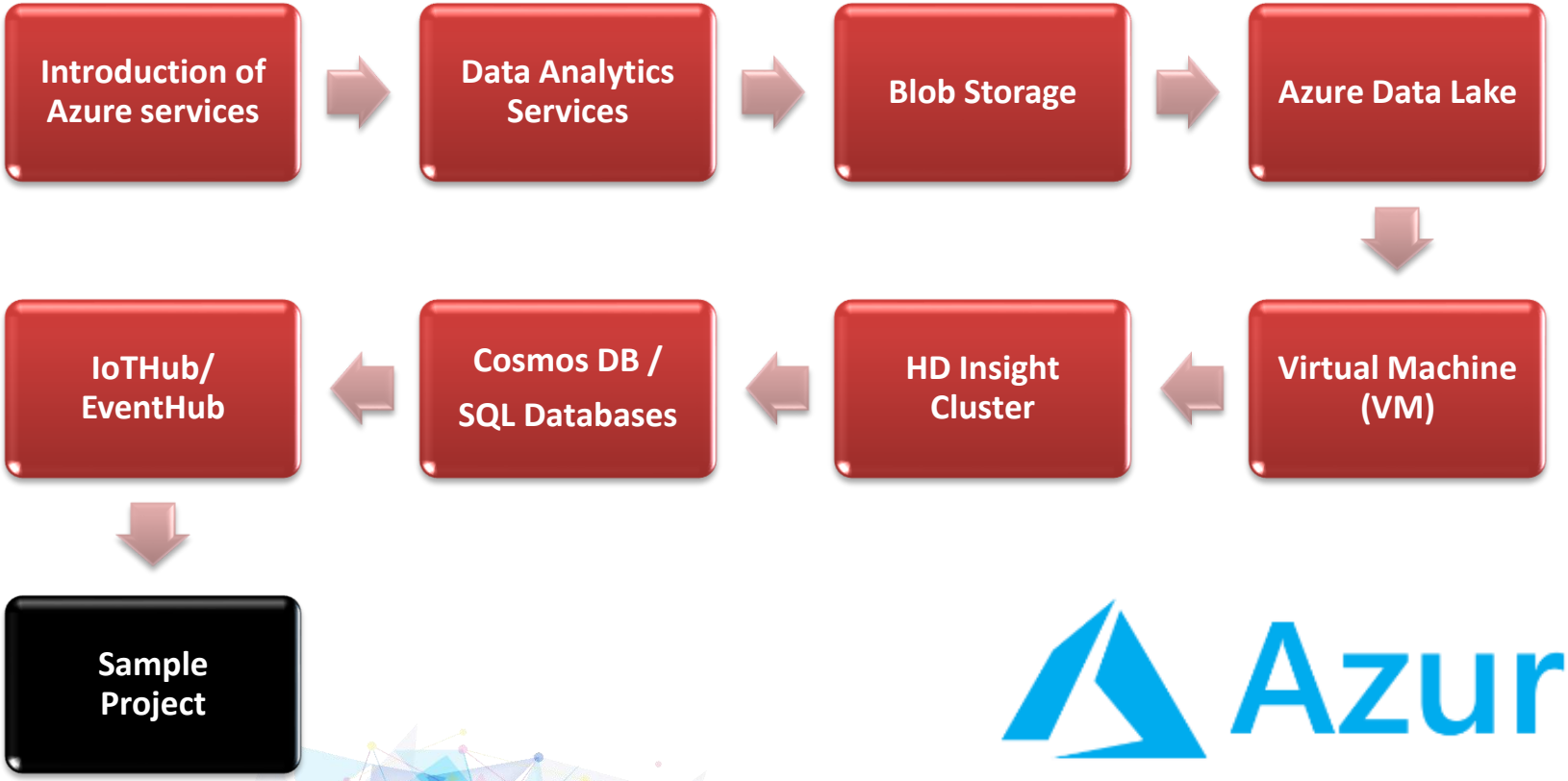
Course Overview

- Topic 1 – Hadoop 3x
- Topic 2 – Hive Data warehouse
- Topic 3 – PySpark (RDD, DF, Structured Streaming)
- Topic 4 – Kafka Streaming
- Topic 5 – Docker Container
- Topic 6 – Cassandra (NoSQL)
- Topic 7 – Airflow Scheduler
- Topic 8 – AWS (Amazon Web Services)
- Topic 9 – Azure Services
- Topic 10 – Snowflake

Amazon Web Services

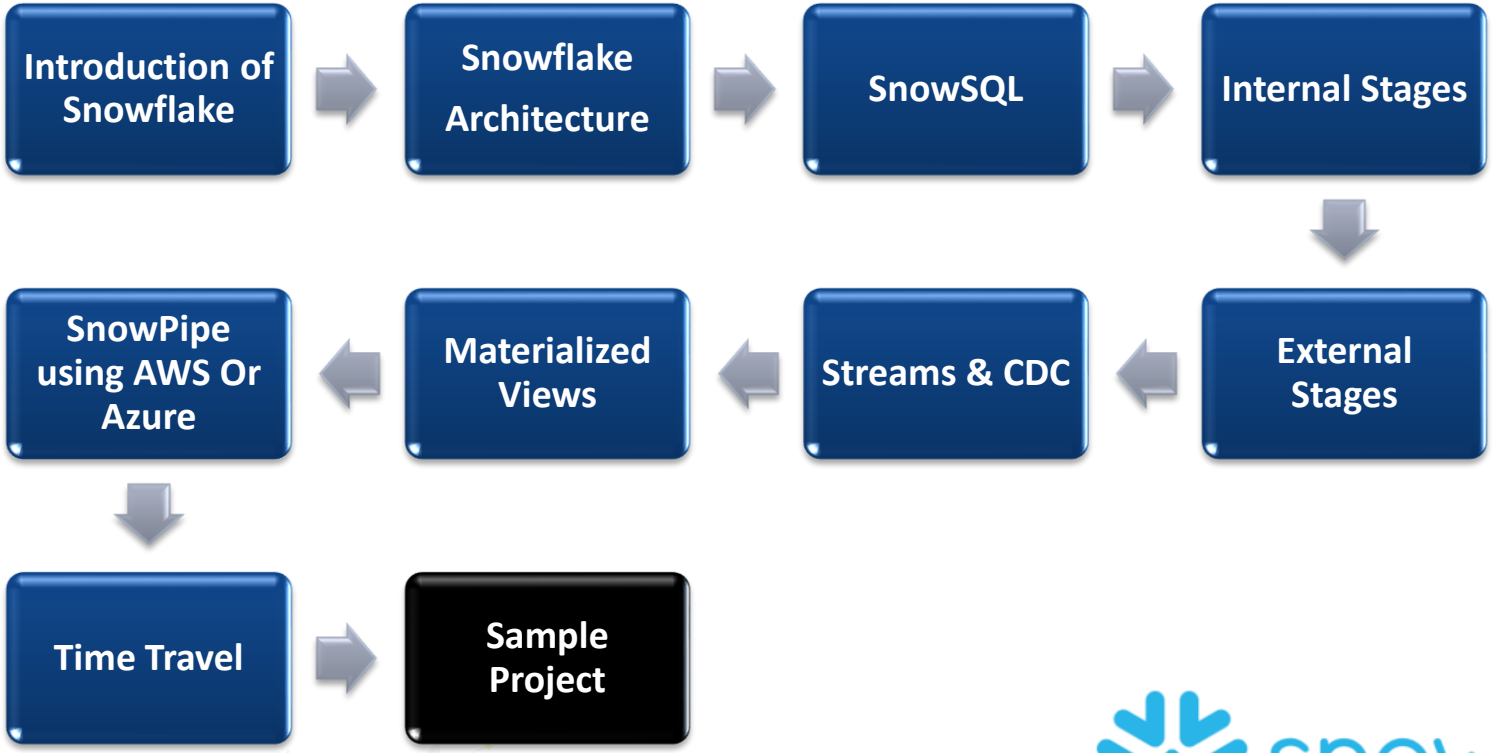


Azure Services



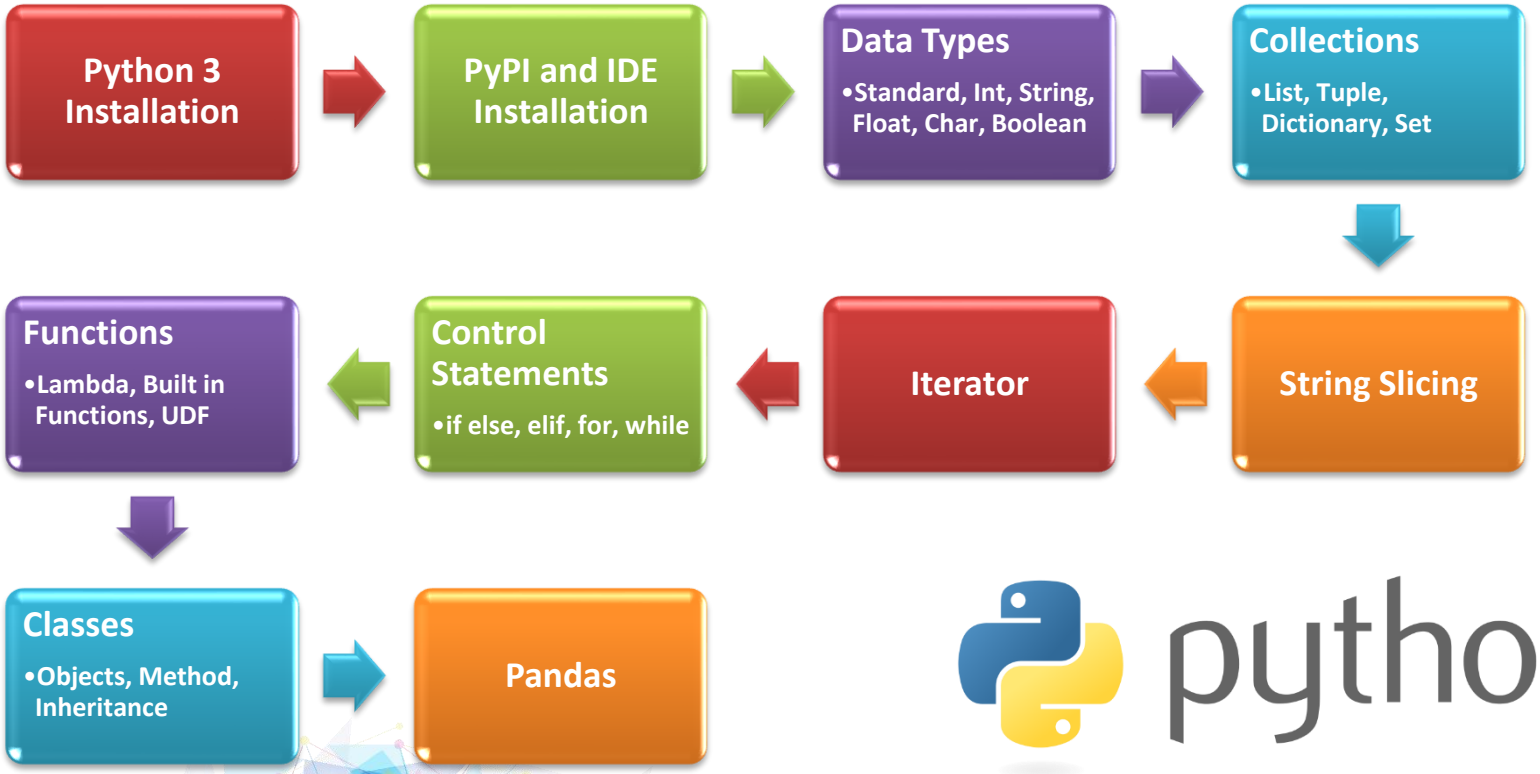
Azure

Snowflake Cloud Data Warehouse



snowflake®

Bonus Topic
Python Fundamentals (Beginner & Intermediate)



python™

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Learning will lead the future...

Our Policy

- No Fast Track (25% Theory + 75% Hands-on)
- 100% Refund if you are not satisfied
- Interactive and Concept basis
- Latest Version upgrades (Hadoop 3x & Spark 3x)
- Private WhatsApp Group for your queries

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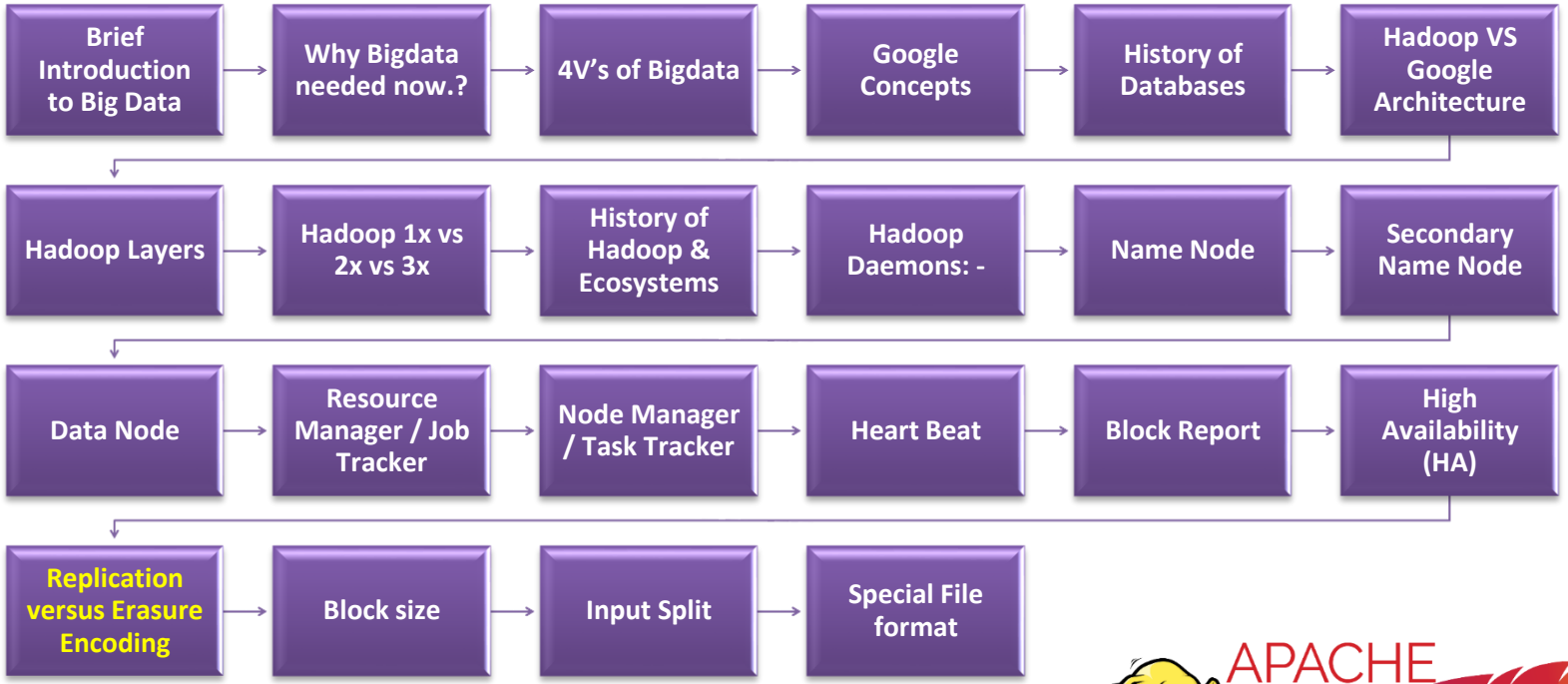
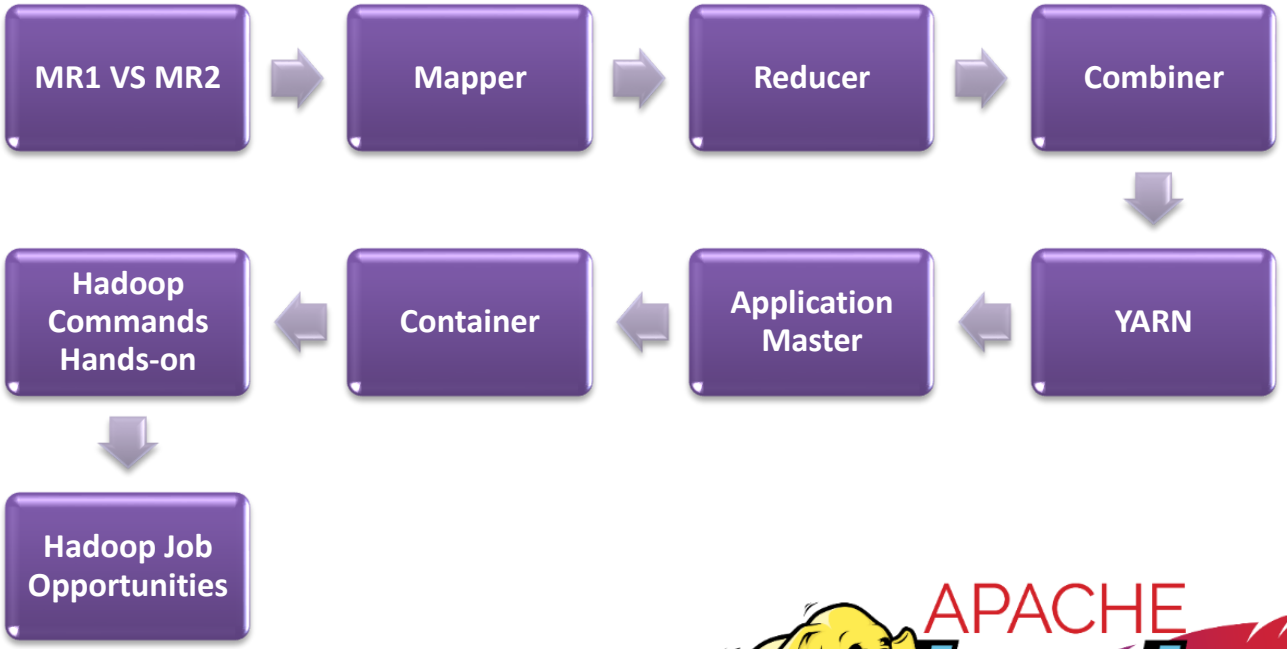
Course Materials

- Practice Hadoop VM Cluster (with Latest Version)
- Recorded Videos
- Practice Materials
- Online eLibraries
- Sample Interview Questions with Answer

Topic - 1
Hadoop 3x Introduction



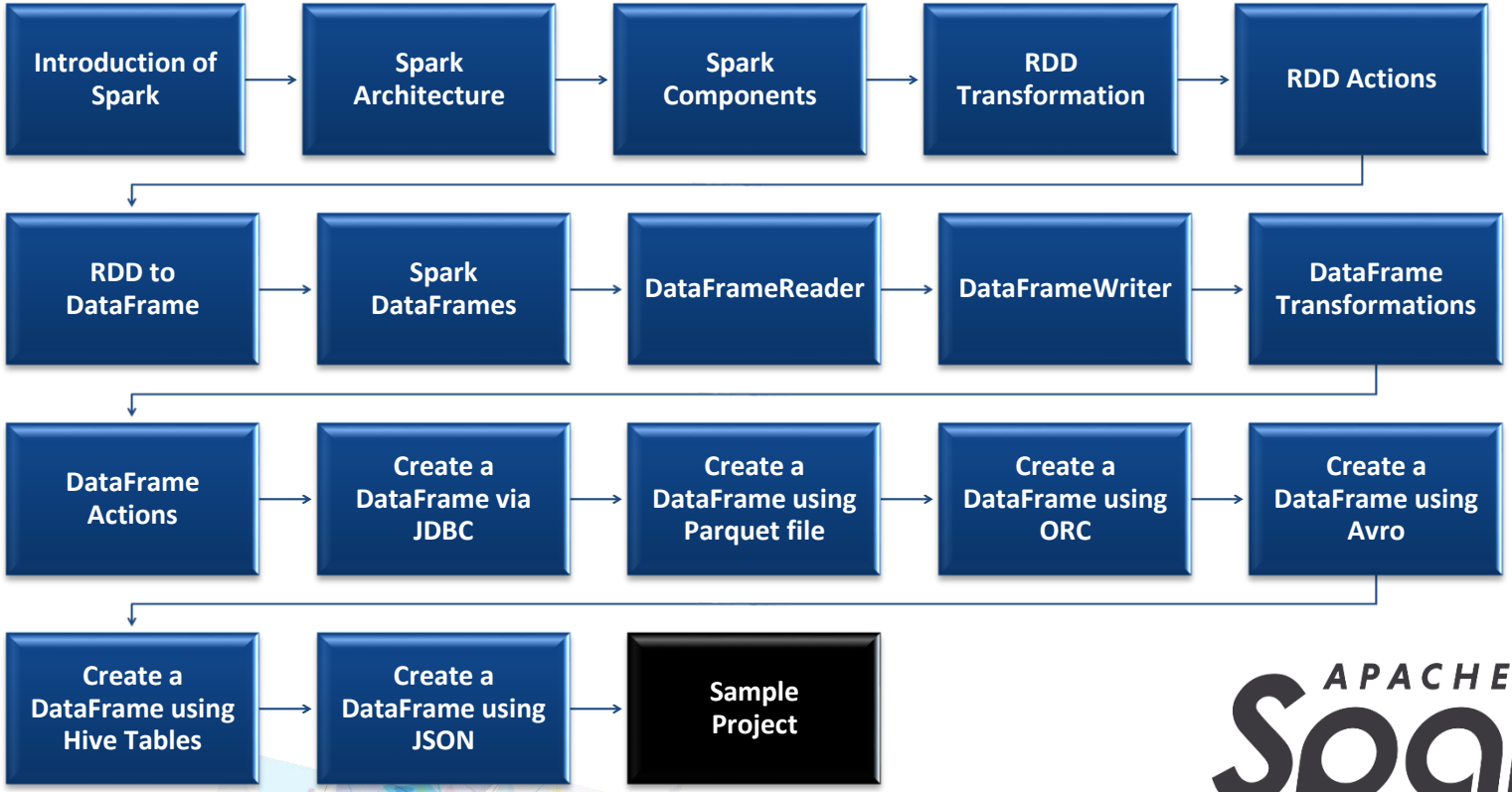
Topic - 1
BigData Hadoop & YARN (cont..)



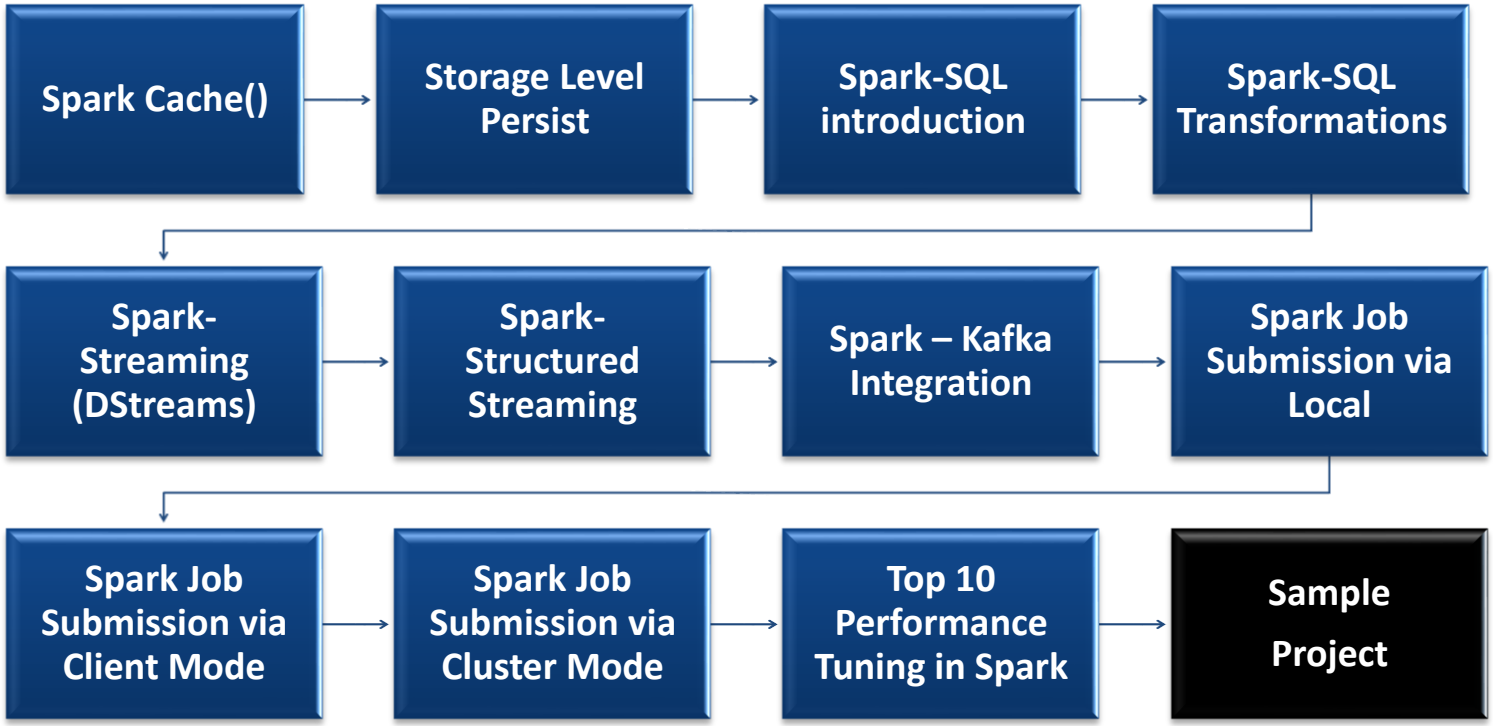
Topic - 2
Hive Introduction

- Introduction on Hive
- Hive Architecture
- Hive Meta Store
- Hive Server 1 vs 2
- Beeline VS Hive CLI
- Connect hive via Beeline
- Thrift Server
- Managed VS External Table
- Create Table using Avro
- Create Table with Parquet
- Create Table with ORC
- Partitioning
- Dynamic Partition
- Static Partition
- Bucketing
- SerDe
- Hive Joins
- Complex Data Types (JSON)
- Top 10 Hive Performance Tuning

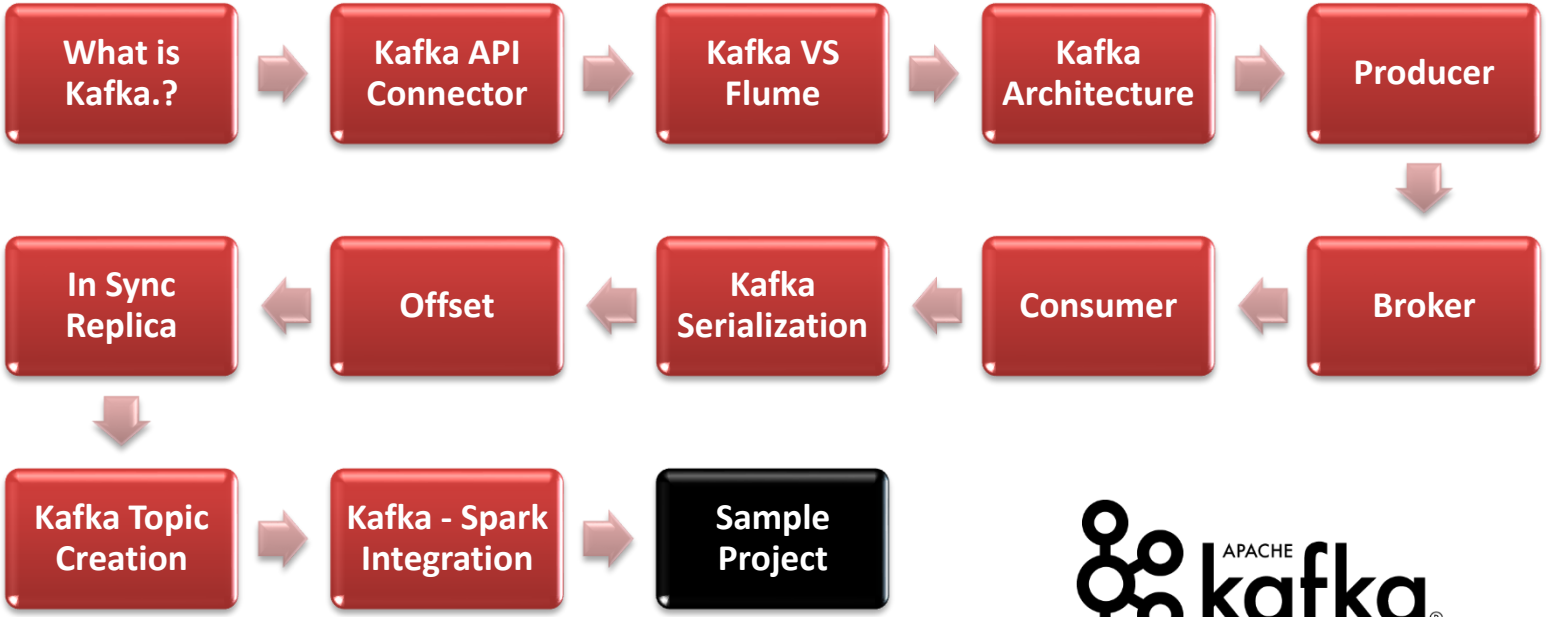
Topic - 3
Apache Spark Introduction



Topic - 3
Apache Spark Introduction (cont..)



Topic - 4
Kafka Introduction



APACHE kafka®
A distributed streaming platform

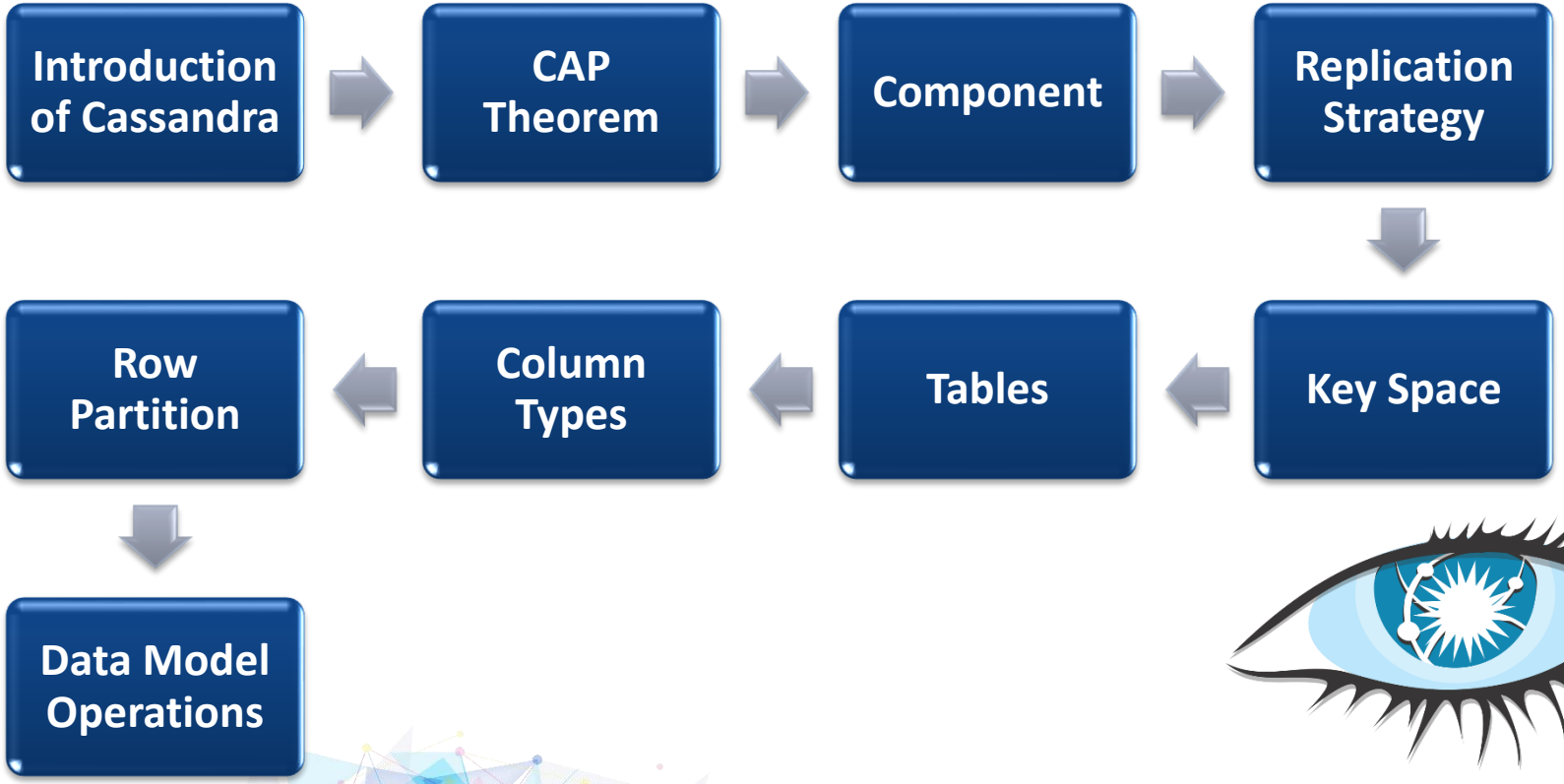
Topic - 5
Docker Containers

Introducing Docker → Docker Architecture → Start containerizing

Docker Commands → Play with docker images → Customizing container on your own → Port forwarding

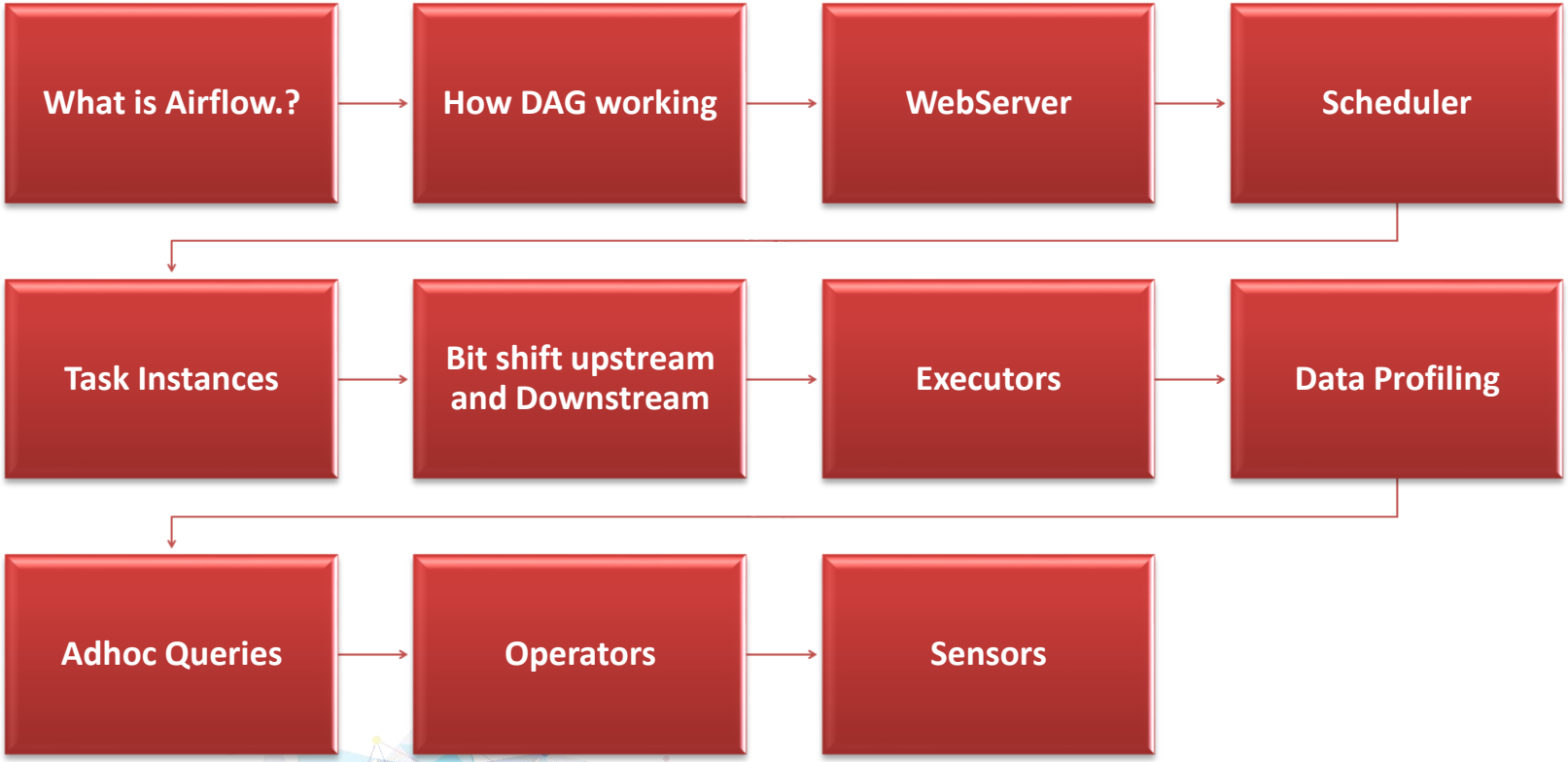
Volume Management → Network Management → Dockerfile

Topic - 6
Cassandra



cassandra

Topic - 7
Airflow Introduction



- ***Get Free Lifetime Practice with all recent upgraded VM.***
- ***Pay only for the new tools (Only for Old students).***
- ***Bigdata Interview related tips and tricks & Interview question with answers.***

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Fee Details

- If interested, Please refer the fees details and fill the below form

  https://forms.gle/Gx42goMcmDVjVVJN8

- Payment can fold by two installment.

Please feel free to reach us If you have any queries…

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