**Spark-Core**:

1. What is Spark?

2. Spark Core Concepts

a.Driver Program,

b.Executors,

c.SparkCOntext.

3. RDD's

a.creating RDD

b.RDD Operations

c.Lazy Evaluation

d.Persistance

4. Paired RDD's

a.Paired RDD Operations

5. Loading and Saving your data

a. File Formats

b. Structered data

6. Advanced Concepts:

a.Broadcast variables

b.Accumulators

7. Architecture and deployment

a. Architecture

b. Deploy modes

c. Spark-Submit conifiguiration

8. Tuning job's Performance

9. Realtime experience

10. Handson Project

**Spark-SQL:**

1. Dataframes

a.Dataframe operations

b.Creating Dataframes

c.Loading different File Formats

2.Query Optimization

3.TempTables and Caching

4.Using Dataframe API's

5. Realtime experience

6. Handson Project

**Spark-Streaming:**

1.Architecture and Abstraction

2.Transformations

3.Input Sources

**Graphx:**

1.The Property Graph

2.Graph Operations

3.Vertex and Edge RDDs

**MLlib**:

Overview