Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

DATA & AI

Hadoop

SAMPLE PROJECT

Batch Log Summariser



COURSE FEE

Fee on enquiry

JAIPUR, RAJASTHAN

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Hadoop

Core concepts



01

Hadoop architecture and distributed data

02

HDFS blocks, replication and storage operations

03

YARN scheduling and resource roles

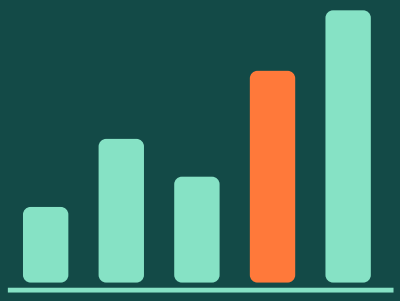
Define success

Select a dataset and decide how to measure a useful result.

Hadoop

Applied skills

- **Source data**
- **Baseline**
- **Validation**



04 MapReduce mapping, shuffling and reducing

05 Hive-style table and query concepts

06 Job monitoring, output validation and tuning basics

PROJECT DELIVERABLES

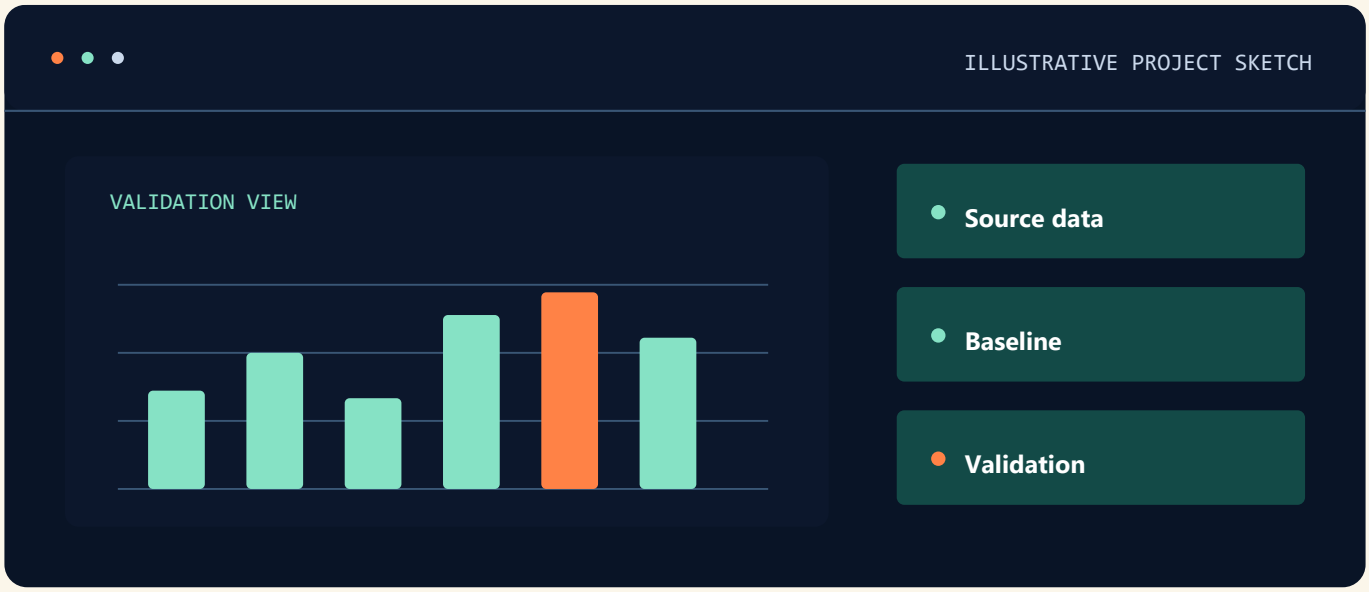
A reproducible analysis or demo, validation checks and a short findings summary.

Hadoop

Portfolio project

Batch Log Summariser

Run a batch job on synthetic logs and validate the output against known counts.



Define success

Select a dataset and decide how to measure a useful result.

Validate results

Compare against a baseline or trusted total and explain any discrepancy.

A reproducible analysis or demo, validation checks and a short findings summary.

Hadoop

Course fees

COURSE FEE

Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

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Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

Check course details

Hadoop

Course content

MODULES 01–02

01

Lessons & practice

- Hadoop architecture
- Distributed data

HANDS-ON

Sketch how HDFS, YARN and MapReduce participate in a batch processing job.

02

Lessons & practice

- HDFS blocks
- Replication
- Storage operations

HANDS-ON

Compare block and replication settings in a practice environment and verify stored files.

Hadoop

Course content

MODULES 03–04

03

Lessons & practice

- YARN scheduling
- Resource roles

HANDS-ON Inspect job scheduling and record resource allocations for a sample batch.

04

Lessons & practice

- MapReduce mapping
- Shuffling
- Reducing

HANDS-ON Count sample events with map and reduce phases and check expected totals.

Hadoop

Course content

MODULES 05–06

05

Lessons & practice

- Hive-style table
- Query concepts

HANDS-ON Query a structured sample output through a Hive-style table.

06

Lessons & practice

- Job monitoring
- Output validation
- Tuning basics

HANDS-ON Read job logs, check result consistency and explain one tuning decision.