

# Hadoop: Fundamentals

## Course Overview

This course will teach students about Hadoop architecture, ETL, and MapReduce.

### Chapter 01 - Hadoop Architecture

1h 41m

Topic A: Prerequisites - Part 1  
Prerequisites - Part 2  
Prerequisites - Part 3  
Topic B: Introduction - Part 1  
Introduction - Part 2  
Introduction - Part 3  
Topic C: History - Part 1  
History - Part 2  
History - Part 3  
Topic D: Architecture - Part 1  
Architecture - Part 2  
Architecture - Part 3  
Topic E: Ecosystems - Part 1  
Ecosystems - Part 2  
Ecosystems - Part 3  
Topic F: Data Delivery in Hadoop - Part 1  
Data Delivery in Hadoop - Part 2  
Data Delivery in Hadoop - Part 3  
Topic G: HDFS Basics - Part 1  
HDFS Basics - Part 2  
HDFS Basics - Part 3

### Chapter 2 - ETL and MapReduce

1h 39m

Topic A: Big Data Sources And ETL - Part 1  
Big Data Sources And ETL - Part 2  
Big Data Sources And ETL - Part 3  
Topic B: ETL Demonstration - Part 1  
ETL Demonstration - Part 2  
ETL Demonstration - Part 3  
Topic C: Understanding MapReduce - Part 1  
Understanding MapReduce - Part 2  
Understanding MapReduce - Part 3  
Topic D: MapReduce Demonstration - Part 1  
MapReduce Demonstration - Part 2  
MapReduce Demonstration - Part 3  
Topic E: Developing MapReduce - Part 1  
Developing MapReduce - Part 2  
Developing MapReduce - Part 3  
Topic F: Schedule MapReduce - Part 1

Schedule MapReduce - Part 2  
Schedule MapReduce - Part 3

**Total Duration:** 3h 20m