

BIG DATA TESTING TRAINING

Chapter 1: Introduction

- Introduction to Big Data
- What is Big data Testing?
- Advantages and disadvantages of Big data testing
- Understanding Hadoop and Hadoop ecosystems
- Data formats in Big data
- Data flow concepts

Chapter 2: Hadoop Components

- Hadoop Architecture
- Introduction to Hive
 - HiveQL Syntax
 - Use cases
- Map Reduce
 - Creating Map Reduce Application
 - Test cases
- PIG
 - PIG Architecture
 - PIG use cases
 - Data Analysis

Chapter 3: Big data tools and use cases

- Introduction to Oozie
- What is Sqoop and Sqoop testing
- Testing with Pig and Sqoop
- Yarn
- Hadoop Components Use cases and installation

Chapter 4: Big data testing

- Understanding Big data Testing
- Why do we need Big data Testing?
- Types of Big data Testing

- Big Data Testing Strategy
- Test cases

Chapter5: Database Testing

- Introduction to Database Testing
- Data flow and work flow
- Data staging validation
- Input and output validation

Chapter 6: Architecture Testing

- Why we need Architecture Testing
- Testing approach
- Performance Testing
- Functional Testing

Chapter 7: Testing of Big data application

- Test Environment
- Writing Test cases
- Executing test strategy
- Applying Testing Steps
- Big data test with real time data

Chapter 8: Advanced Topics

- Roles and Responsibilities of a Tester in Big data application
- Testing challenges
- Advanced Testing trends
- Big data Testing project and interview question discussion

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Know more about **BIG DATA TESTING**



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