



BIG DATA
DEVELOPMENT

ACADGILD

Session 17: Overview of HBase

Assignment 1

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Assignment –Hbase Introduction

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Big Data and Hadoop Development

1. Introduction

In this assignment you need to answer questions on Hbase.

2. Objective

This assignment will help you to understand Hbase concepts.

3. Prerequisites

Acadgild's VM, or Linux operating system with Hadoop installed in it.

4. Associated Data Files

N/A

5. Problem Statement

Give a brief elaboration of the below questions.

1. Give a brief difference between HBASE and HDFS.
2. List the main components of HBASE.
3. Does Hbase support sql?
4. When should we use HBASE, list some of the scenarios for the same.
5. What are the different modes in which Hbase can be run?
6. Why is zookeeper needed in Hbase?
- 8 Hbase is a schema less database, what does it mean?
- 9 What is the minimum number of column family every Hbase table should have?
- 10 What is the benefit of using connection pool in Hbase?

6. Expected output

N/A

7. Approximate Time to Complete Task

120 min