



BIG DATA  
DEVELOPMENT

**ACADGILD**

# Session 17: Overview of HBase

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Assignment 2

## *Session 17: Overview of HBase*

### *Assignment –Hbase*

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## Big Data and Hadoop Development

### 1. Introduction

In this assignment you need to answer the 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. What is the difference between memstore and hfile in HBase?
2. Describe compactions in HBase.
3. List and explain the logical entities in HBase.
4. What will happen if we do not create a row key while inserting the data?
5. How can filters be applied in HBase and what are the benefits?
6. What are the data model operations in hBase?
7. How can MapReduce be used with HBase?
8. What is regionserver?

**6. Expected output**

N/A

**7. Approximate Time to Complete Task**

120 min