Session 1: How to Solve Big Data

Swapna Assignment

Assignment 2 – Try the given quiz questions and send the answers for them in a word document.

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1. Introduction

In this assignment you need to select one right choice for the questions given on the topics discussed in the first session.

2. Objective

This assignment will help you to consolidate the concepts learnt in the session 1.

3. Prerequisites:
None

4. Associated Data Files
None

5. Problem Statement:

1. What constitutes to Big Data?

a.volume

b.velocity

c.variety

d.All the above

Ans: d

2. Solution Identified to handle Big Data is?

a.Hadoop

b.storm

c.spark

d.All of these

Ans: d

3. Doug cutting added DFS &MapReduce support to:

a)Nutch

b)spark

c)GFS

d)facebook

Ans: a

4.Which file system is followed by Hadoop?

a.DFS

b.GFS

c.HDFS

d.NTFS

Ans: c

5.How much data can be taken as a BigData in regards to volume?

a.Mega Bytes

b.Terabytes

c.Petabytes

d. b & c

Ans: d

6 .Hadoop can process data in Real time?

a.Yes

b.No

c.None of these

Ans: a

7 .Hadoop is developed using?

a. C

b. C++

c. Java

d. Ruby

  Ans: c

8 .Hadoop reduces cost of operations by?

a. using commodity Hardware

b. Using less number of nodes

c. Limited cluster size

d. None of these

Ans: a

9 .Search engine adopted in Hadoop is?

a.Google

b.yahoo

c.Solr

c.AOL

Ans: a

10. Stream processing can be achieved in Hadoop using?

a.Storm

b.Spark

c.Both of these

d.None of these

Ans: c

11 What is the highest data unit we have at present?

a. petabyte

b. exabyte

c. terabyte

d. Brontobyte

Ans: d

12.Hadoop is well suitable for clusters where

a. Number of nodes keep changing

b. Number of nodes are constant

c. Most number of free nodes

d. None of these

Ans: a

13 .what is batch processing?

a.processing of previously collected jobs in a single batch.

b.processing of previously collected jobs in different batches.

c.processing of jobs at that moment they are collcted

d.None of these

Ans: b

14 .what is stream processing?

a. Processing data as streams

b. Processing data in batches

c. Both of these

d. None of these

Ans: a

15 .Hadoop uses?

a. Batch processing

b. Near Real time processing

c. Real time processing

d. All the above

Ans: d

6. Expected Output

None.

7. Approximate Time to Complete Task

10mins