

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, May 2021

Course: Big Data Analysis
Program: B.Tech(Big Data - academic collab Xebia)
Course Code: CSBD 2003

Semester: 4
Time 03 hrs.
Max. Marks: 100

SECTION A

1. Each Question will carry 5 Marks
2. Instruction: Complete the statement / Select the correct answer(s)

S. No.	Question	CO
Q 1	Write 5 differences between data analysis and business intelligence in detail.	CO1
Q2	Enumerate the challenges of Big data Analytics.	CO1
Q3	Write three differences between Managed table and External Table .Support your answer with help of suitable code.	CO2
Q4	Define View in Hive and write down any two advantages of a view .With the help of suitable code explain Create, Alter and Drop a view.	CO4
Q5	Draw a comparison between hive and Traditional database.	CO2
Q6	Mention in points how Instagram leverages the power of Big Data Analytics. OR Mention in points how Ola/Uber Leverage the power of Big Data Analytics.	CO2

SECTION B

1. Each question will carry 10 marks
2. Instruction: Write short / brief notes

Q 1	Elaborate the concept of Partitioning .Also mention the advantages of the same technique .Support your answer with suitable code.	CO4
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Q 2	Elucidate the concept of Bucketing .Also mention the advantages of the same technique. Support your answer with suitable code.	C04
Q 3	Explain Hive Architecture and its components in detail.	C01
Q 4	Elaborate the different types of Data Analytics with examples.	C01
Q5	Explain the suitable code: 'Create' database, 'List' database, 'Alter' database, 'Drop' database, 'Describe'database .	C02
Section C		
1. Each Question carries 20 Marks. 2. Instruction: Write long answer.		
Q1	Discuss the Pig Framework. OR Discuss the Impala Framework.	C03