Date_Page____ 27/5/2022 Name: Vicky kumar
Roll no: 18ERECS080

Subject: Big Data Analysis.
(8th Semester) - (2nd Mid-Term)
Sec-A

Discord, Decide, Act) is a four step approach to decissonmaking that focuses on filtering
available information, putting it
in context and quickly making
the most approach decisson
while also understanding that
chances are can be made as more data become available. And one or more sheets. dashboards or stories. Ang Visual options in tableau. 2. 7 7 3 3 is Bar graph () Density Maps
is line chart (vii) Scatter plot
(vii) Grantt chart
(vii) Bubble chart (vii) Grantt chart

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Dat			_
Page	2		

And Mapreduce is a programming paradigm that enables massive scalability accross hundreds or througands of severs in a Hadoop clusters. Ans A key-value database is a sype of non-relational database that uses a symple teey value A key-value database stones data as a collection of key value pairs in which a key series as a unique identifier. (Sec - 13) And A typical edit ranges from los to 100s of bytes but over time enough edits can accumulate to become unwidely. In extreme cases, it can fill up all the available desk capacity on a mode, but more subtly, a large edit log can substantially delay Namenode startup.

Date ______ Page _____ Checkpoints is a process that takes an frimage and edit log and compacts them into a new figurage.

This way instead of replying a potentially unbounded Name Node

edit log, the Name Node

can load the Imal in-memory state directly from the figurage

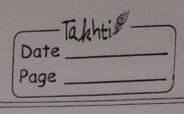
This is far more efficient operation and reduce Name Node

startup time. famge checkpointing > 3) XML fales Configuration: is Configuration Options for XML files.

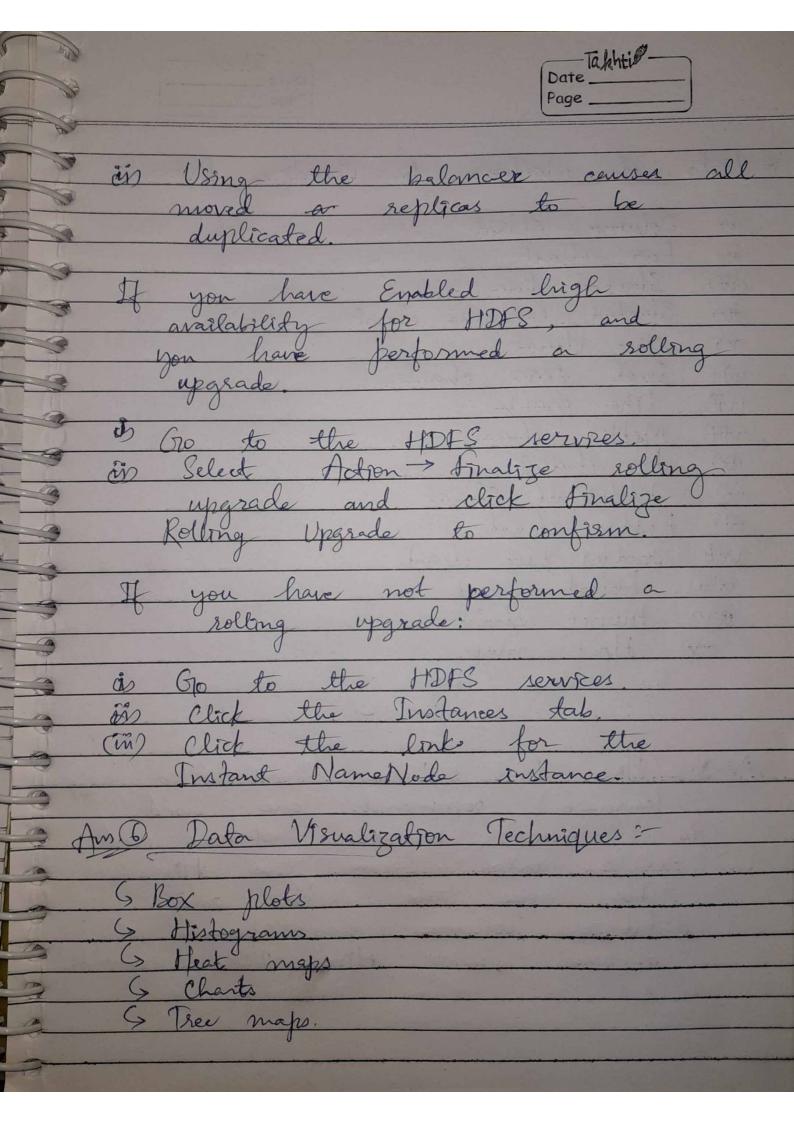
is Basic Configuration

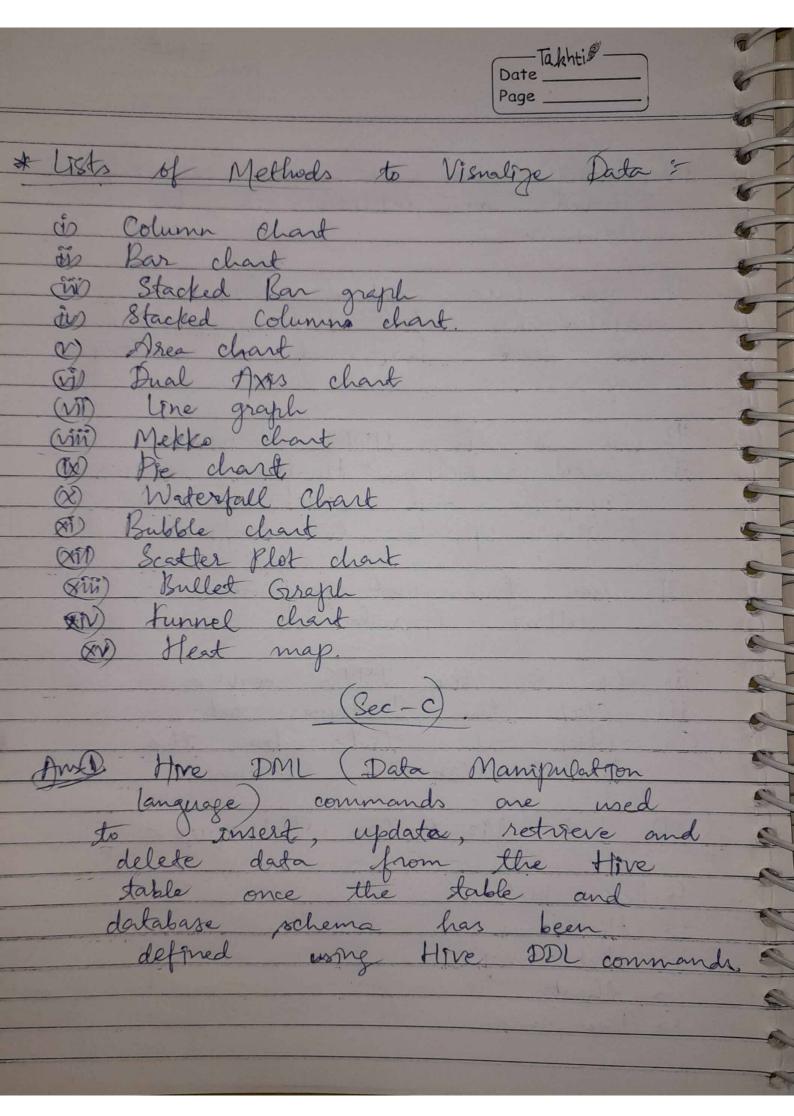
in Advanced Configuration

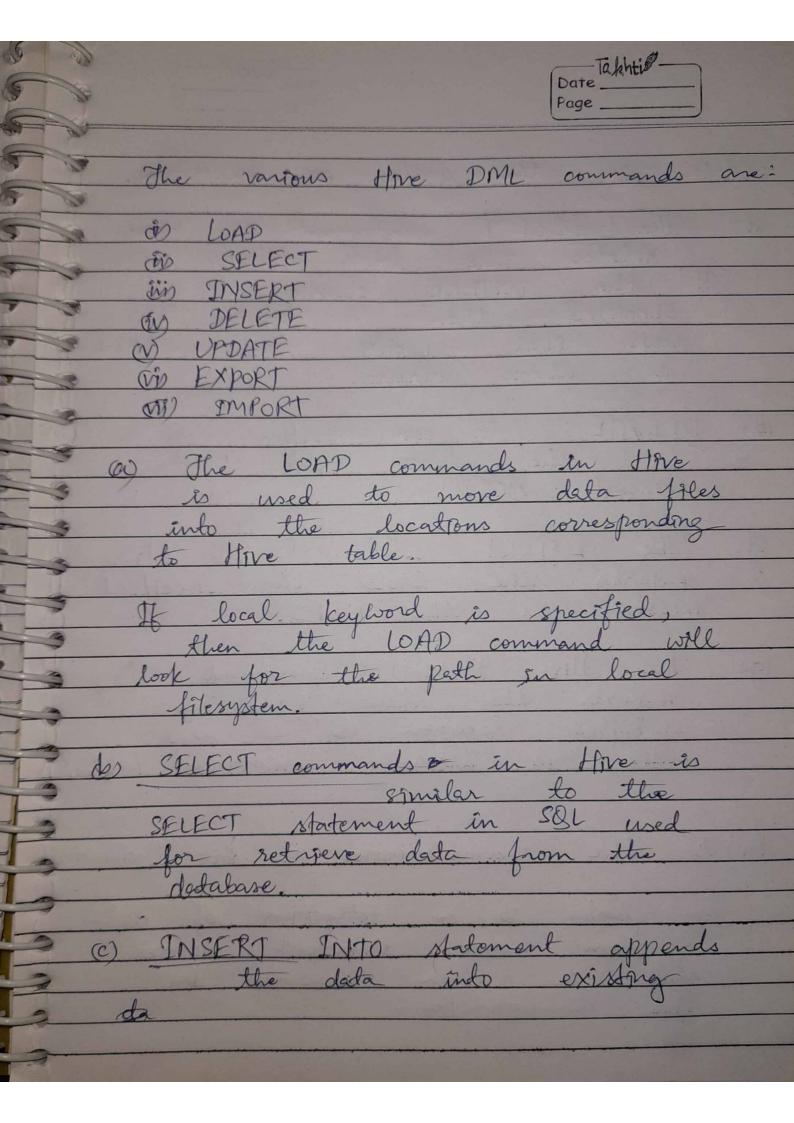
(v) Content Segmentation. The XML files smiler to CSV and XISX files, requires



additional configuration after uploading to the project so the system could import the content of these files. 5 To configure XML files, is Open your project and go to Content > Fales. is click configure next to the files open the configuration in Select which content should be translated and click Save & import to proceed. And sure that they are successful. Make sme you have enough free disk space, keeping in mind that, is Deleting files does not free up disk files.







Date ______ data in the table or partition. d) The DELETE statement in Hove 1000 deletes the table data.

If the WHERE clause is

Specified, then it deletes the

sows that specify the condition
in where clause. -5 e) UPDATE: It, can perform on the hive table that support ACID. 5 6 The EXPORT statement in Hive exports the table to specified location in the HDFS. 5 6 6 (g) The Hive IMPORT command imports the data from a specified location to a new table or already existing tables. ~ T. 8 Ans. De five characteristics of Big Data: 80 Byg Dada is a collection of data
from many different somes
and is often describe by
five characteristies: 2

Date _____ A Volume, Value, Variety, Velocity and Veracity a) Volume: The size of and amount of big - data that companies manage and analyse. (b) Value: The most important "V"

from the perspective of the

business, the value of big

data usually comes from justight

discovery and pattern recognition

that lead to more effective

operations, stronger oustomer

relationships and other clear and qualificable business benefits. (c) Variety: The diversity and range of different data types, including unstructured data, servi-standand data and rew data. Velocity: The speed of companies receive, store and manage data - eg., the specific number of social media posts or search queres secret within a day, how or other unit of

Page ex Veracity: The "truth" or accuracy of data and and antests, which often determines executive-level confidence. The additional characteristics of variability can also be considered. Variabolity: The changing nature of a data companies seek to apline, manage and analyse - analysis, changes in the meaning of tey words or phrases.