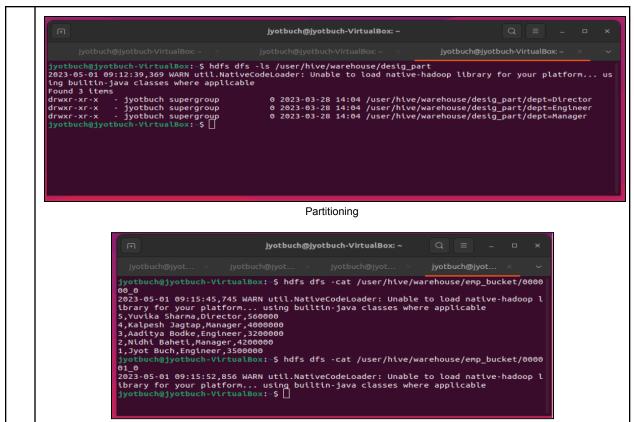
Vishwakarma University, Pune University Grants Commission (UGC) Approved State Private University

Assignment 4	
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Date of Submission - 01/05/2023	Class - A (2023 Batch)

- 1. Explain all steps of Hive installation with partitioning and bucketing on any dataset of your choice. Support your answer with screenshots of your terminal.
 - 1. Download the latest version of Hive from the Apache Hive website. You can download it using the following command:
 - wget https://downloads.apache.org/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz
 - 2. Extract the downloaded file using the following command: tar -xzvf apache-hive-3.1.2-bin.tar.gz
 - Set the HIVE_HOME environment variable to the installation directory. You can do this
 by adding the following line to the ~/.bashrc file:
 export HIVE_HOME=/usr/local/hive
 - 4. Then, run the following command to reload the ~/.bashrc file: source ~/.bashrc
 - Create a new directory for Hive's data using the following command: sudo mkdir /usr/local/hive/data
 - 6. Grant read and write permissions to the hive user on the data directory using the following command:

sudo chown hive:hive /usr/local/hive/data

- 7. Copy the hive-default.xml.template file to hive-site.xml using the following command: cd \$HIVE_HOME/conf cp hive-default.xml.template hive-site.xml
- 8. Edit the hive-site.xml file to configure Hive.



Bucketing