

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

Assignment 4	
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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.
	<ol style="list-style-type: none">1. Download the latest version of Hive from the Apache Hive website. You can download it using the following command: <code>wget https://downloads.apache.org/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz</code>2. Extract the downloaded file using the following command: <code>tar -xzvf apache-hive-3.1.2-bin.tar.gz</code>3. Set the HIVE_HOME environment variable to the installation directory. You can do this by adding the following line to the ~/.bashrc file: <code>export HIVE_HOME=/usr/local/hive</code>4. Then, run the following command to reload the ~/.bashrc file: <code>source ~/.bashrc</code>5. Create a new directory for Hive's data using the following command: <code>sudo mkdir /usr/local/hive/data</code>6. Grant read and write permissions to the hive user on the data directory using the following command: <code>sudo chown hive:hive /usr/local/hive/data</code>7. Copy the hive-default.xml.template file to hive-site.xml using the following command: <code>cd \$HIVE_HOME/conf</code> <code>cp hive-default.xml.template hive-site.xml</code>8. Edit the hive-site.xml file to configure Hive.

