Hive installation:

1. **Download hive**
   wget <URL>

2. **Unzip**
   tar -xzf apache-hive-2.3.3-bin.tar.gz

3. **Modify bashrc file**
   #HIVE VARIABLES START
   export HIVE_HOME=$HADOOP_INSTALL/hive
   export HIVE_CONF_DIR=$HIVE_HOME/conf
   export PATH=$PATH:$HIVE_HOME/bin
   #HIVE VARIABLES END

4. **HDFS setup**
   hdfs dfs -mkdir -p /user/hive/warehouse
   hdfs dfs -mkdir /tmp
   hdfs dfs -chmod g+w /user/hive/warehouse
   hdfs dfs -chmod g+w /tmp

5. **Modify hive-env.sh**
   export HADOOP_HOME=/usr/local/hadoop

6. **Modify hive-site.xml**
   <configuration>

   <property>
   <name>javax.jdo.option.ConnectionURL</name>
   <value>jdbc:derby:;databaseName=$HIVE_HOME/metastore_db;create=true</value>
   <description>
   JDBC connect string for a JDBC metastore.
   To use SSL to encrypt/authenticate the connection, provide database-specific SSL flag in the connection URL.
   For example, jdbc:postgresql://myhost/db?ssl=true for postgres database.
   </description>
   </property>

   <property>
   <name>hive.metastore.warehouse.dir</name>
   <value>/user/hive/warehouse</value>
   <description>location of default database for the warehouse</description>
   </property>

```
<property>
<name>javax.jdo.option.ConnectionDriverName</name>
<value>org.apache.derby.jdbc.EmbeddedDriver</value>
<description>Driver class name for a JDBC metastore</description>
</property>

<property>
<name>javax.jdo.PersistenceManagerFactoryClass</name>
<value>org.datanucleus.api.jdo.JDOPersistenceManagerFactory</value>
<description>class implementing the jdo persistence</description>
</property>

</configuration>
```

7. **Initialize Derbi database within hive directory**
   bin/schematool -initSchema -dbType derby

8. **Run hive CLI to test it**

Reference:
https://www.edureka.co/blog/apache-hive-installation-on-ubuntu
http://www.bogotobogo.com/Hadoop/BigData_hadoop_Hive_Install_On_Ubuntu_16_04.php