



K L University

(Koneru Lakshmaiah Education Foundation)

Estd. u/s 3 of UGC Act 1956

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Constituent College KLCE Accredited by NAAC with CGPA 3.76/4.00

Approved by A.I.C.T.E ± Accredited by N.B.A.± ISO 9001-2000 Certified

Academic Staff College

Dept. ECM

1.10.2016

1-day webinar on “applying structure to Hadoop data with hive by Dr.E.Lakshmi Lydia, Associate Prof., Dept., CSE, Vignan University on 1.10.2016 by Academic Staff College along with Dept.ECM for the faculty members of ECM

Apache Hive is a Data Warehousing package built on top of Hadoop and is used for data analysis. Hive is targeted towards users who are comfortable with SQL. It is similar to SQL and called HiveQL, used for managing and querying structured data. Apache Hive is used to abstract complexity of Hadoop. This language also allows traditional map/reduce programmers to plug in their custom mappers and reducers. The popular feature of Hive is that there is no need to learn Java.

Saying Hello to Hive Hive provides Hadoop with a bridge to the RDBMS world and provides an SQL dialect known as Hive Query Language (HiveQL), which can be used to perform SQL-like tasks. Hive also makes possible the concept known as enterprise data warehouse (EDW) augmentation, a leading use case for Apache Hadoop, where data warehouses are set up as RDBMSs built specifically for data analysis and reporting. Hive closely associated with RDBMS/EDW technology is extract, transform, and load (ETL) technology. For example, a company or an organization might extract unstructured text data from an Internet forum, transform the data into a structured format that's both valuable and useful, and then load the structured data into its EDW. Apache Hive gives you powerful analytical tools, all within the framework of HiveQL.



Participants interacting with the resource person during the session