

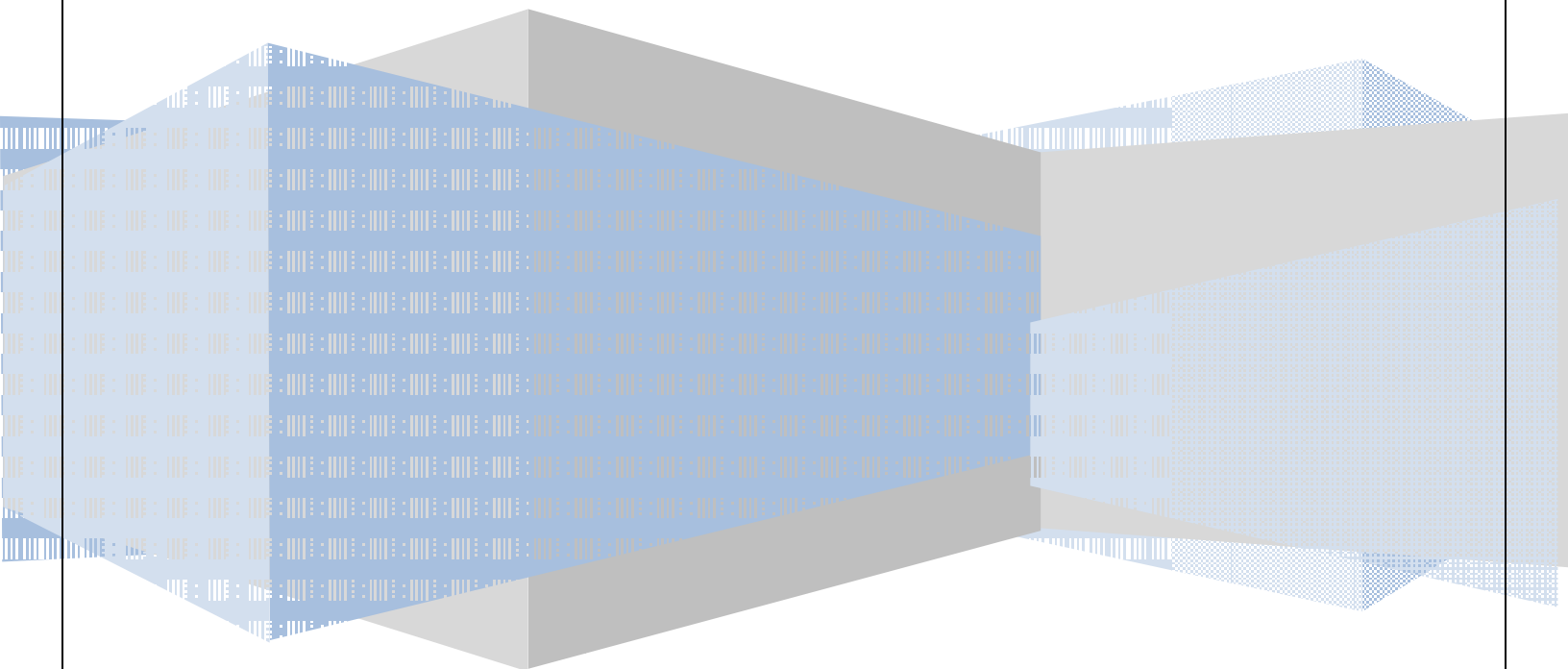


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Big Data/Hadoop Training HIVE Assignment



HIVE Assignment

Exercise

- 1) Implement the movie exercise mentioned in the MR assignment using Hive.
- 2) Implement the student exercise mentioned in the MR assignment using Hive.
- 3) Create a user and user_bucketed table, associate the user table with some data and move the data from the user table to the user_bucketed table.
- 4) Given the sales table with the salesid, total_sales and commission percentage as the columns, create a UDF to calculate the actual commission for each sales. Use a query using the UDF and redirect the output to a new table with salesid, total_sales, commission percentage and commission as the columns.
- 5) Create a UDAF for the above example to calculate the commission for the entire table. Note that this can be easily done using sum, but this activity is for learning about UDAF.
- 6) Implement the Q4 using Hive streaming in a language of your choice.
- 7) Create a external user table with (name, age) as columns and partitioned by (country, city). Put some data into HDFS for the different partitions and observe the performance of the queries on different partitions.
- 8) Change the VM configuration to run Hive in embedded metastore from the remote metastore configuration.
- 9) On the student table in Q2 create a separate view for boys and girls. One the views run a query to find out if boys or girls fared better for each class.