

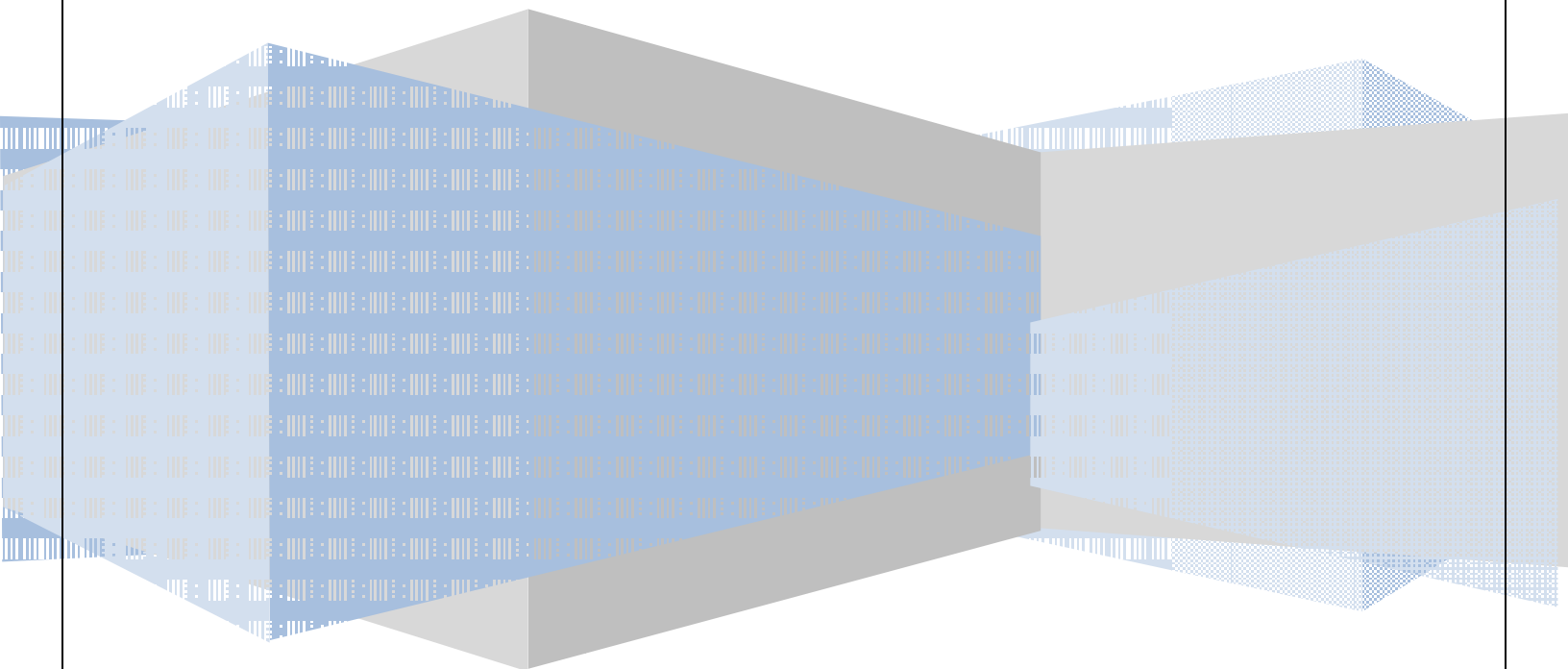


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Big Data/Hadoop Training PIG Assignment



PIG Assignment

- 1) Implement the movie exercise mentioned in the MR assignment using Pig.
- 2) Implement the student exercise mentioned in the MR assignment using Pig.
- 3) 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. Develop PigLatin scripts using the UDF and dump the output with salesid, total_sales, commission percentage and commission as the columns into HDFS.
- 4) Implement the Q3 using Pig streaming in a language of your choice.
- 5) Create a macro for Q4 and invoke it from the PigLatin script.
- 6) Use parameter substitution and develop a PigLatin script to figure out the number of total number of boys and girls in all the schools from the students exercise. The script takes a character `M` or `F` as input.
- 7) Wherever the Q are repeated in the Pig and Hive assignment, prepare a table with the job completion times. Note that the Linux time command can be used for the same.