

CSCE 5300 Introduction to Big data and Data Science

ICE-5

Lesson Title: *Sqoop*

Lesson Description: *Hadoop and SQL Transfer Tool - Sqoop*

Lesson Overview:

Sqoop is a transfer tool between Hadoop and SQL or Relational Databases

In Class Exercise:

1. Use Sqoop to import and export mySQL Tables to HDFS.
2. Create Hive Tables through HQL Script, Use Sqoop to import and export tables to Relational Databases
3. Perform three queries from databases

See the lecture slides for more details

ICE Submission Guidelines

1. ICE Submission is individual.
2. ICE code has to be properly commented.
3. The documentation should include the screenshots of your code/results.
4. Provide the explanation of the exercise as per your understanding.
5. The similarity score for your document should be less than 15%.
6. Submit the source code (properly commented) and documentation (.pdf/.doc) with explanation and screenshot of source code having input logic and output results.
7. Submission after the deadline is considered as late submission.