**Week 7 Breakout**

Remember to appoint the following:

* An organizer
* A scribe
* A presenter

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Answer the question that corresponds with your group number. If you are not familiar with the subject matter in the question, please feel free to search on the web.

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| # | Question | Your response |
| 1 | How would you decide whether it's best to use hive or impala as a query processing engine? |  |
| 2 | What business needs would justify use of a column family in hbase? |  |
| 3 | Hive supports external tables that map to files in HDFS. When would you use an external table that is mapped to files in HDFS rather than a managed table? |  |
| 4 | Give an example for using pig, hive, hbase and mysql in an ETL process |  |
| 5 | What is the best way to maintain security and confidentiality in a dictionary storage model like hbase? |  |