Week 12 Assignment - NoSQL Migration

# Description

For this assignment, you should take information from a relational database and migrate it to a NoSQL database of your own choosing.

For the relational database, you might use the flights database, the tb database, the "data skills" database your team created for Project 3, or another database of your own choosing or creation.

For the NoSQL database, you may use MongoDB (which we introduced in week 7), Neo4j, or another NoSQL database of your choosing.

Your migration process needs to be reproducible. R code is encouraged, but not required. You should also briefly describe the advantages and disadvantages of storing the data in a relational database vs. your NoSQL database.

You may work on a small team on this project. Due end of day Sunday November 25.

# Business Requirements

1. Obtain or create a relational database
   1. Feel free to use the flights database, the tb database, the "data skills" database your team created for Project 3, or another database of your own choosing or creation
2. Choose a NoSQL database to use
   1. MongoDB (introduced in week 7)
   2. Neo4j (introduced in week 12)
   3. Any other NoSQL database
3. Download, install, and configure the NoSQL database software
4. Read documentation and examples on how to use the NoSQL database software
5. Use a reproducible process to migrate the data from the relational database to the NoSQL database
   1. It is encouraged, but not required, that students use R
6. Briefly describe the pros and cons of storing data in a relational database vs. NoSQL database
7. Deliverables
   1. Reproducible process
   2. Description of pros/cons
   3. GitHub URL
   4. Rpubs URL (if applicable)
8. Due Sunday 11/25/2018