Fall 2019 – CSCE 413/813 Midterm 2
11/11/2019

Name: _____ NUID: _____

Your midterm is comprised of the following tasks:

1. Grab your assigned data set (the assignments are listed at the end of the midterm)
2. Import the data in Mongo
3. **[10 points]** Scrub the data, note what you did/didn't change
4. **[20 points]** Provide ten interesting queries (Do not provide a simple select), two of each type of the following commands:
    a. Insertion
    b. Find
    c. Aggregation
    d. Update
    e. Deletion
5. Export the data, note that you may not need all fields associated with your collections
6. **[10 points]** Find the best D3JS model that fits your data, and model it using D3JS
7. **[5 points]** Host your visualization on your CSE account (https://cse.unl.edu/faq-section/web-related)
8. **[55 points]** Generate a report documenting all of your work, and provide justification behind your choices for the data visualization portion.
9. **[Bonus: Up to 5 points]** Present your model on Friday, November 22, 2019

Data Set Assignments:

https://www.kaggle.com/xvivancos/tweets-during-nintendo-e3-2018-conference

- Alexis Saltzman
- Allison Inman
- Austin Asmus
- Brendan Owens
- Brooke Lampe
- Buck Cronk
- Catherine Krueger
- Cody Berglund

https://www.kaggle.com/rmisra/clothing-fit-dataset-for-size-recommendation#renttherunway_final_data.json

- Cuong Than
- Dan Thibodeau
- Darin Barth
- Emily Ewalt
- Eric Matz
- Erin Reed
- Gregory Nail
- Hengyi Hu

https://www.kaggle.com/rmisra/imdb-spoiler-dataset

- Ian Howell
- James Fox
- Jared Fuelberth
- Jianfei Shao
- Jianghao Wang
- Jianxin Sun
- Josey VanOrsdale
- Joshua Martin

https://www.kaggle.com/cmenca/new-york-times-hardcover-fiction-best-sellers

- Kyle Stolle
- Mark Hollis
- Michael Mason
- Mingyuan Ma
- Nasimul Gani
- Nathan Lickei
- Nisha Poudel
- Priamwad Poudel
- Reid Jones

https://www.kaggle.com/gjbroughton/christmas-recipes

- Robert Lafferty
- Sean Termini
- Sujan Shrestha
- Taher Ahmed
- Tristan Attebery
- Vimal Nagalla
- Yinglu Jia
- Zachary Madsen
- Zeyuan Kong