DSC3010 Assignment 1: PyMongo and a Movie dataset

Goal

The goal of assignment 1 is to practice PyMongo with a movie dataset.

Task

A movie data set and an ipython notebook file are provided. Launch the ipython notebook and review questions and write your code on the ipython notebook file. You don't have to stick to one-shot pymongo commands and you can do post-processing using other python code after you retrieve data from MongoDB using pymongo. Simply leave blank if you cannot answer a specific question. When answer questions, write question numbers explicitly. Some questions are open quesitons, you can answer them by writing your answers directly on the notebook file.

How

1) Your computer should be installed with python and requires libraries: pymongo and jupyter
   a. `pip install pymongo`
   b. `pip install jupyter`
2) Download the data file and ipython notebook to your working directory (e.g., C:\DSC3010)
3) In CMD go to your working directory and launch jupyter
   a. `cd C:\DSC3010`
   b. `jupyter notebook`
4) Click the ipython notebook file (`dsc3010_assignment_1.ipynb`) and you will be able to open it.
5) Execute code line by line (so that you insert data to MongoDB), review questions, and write code to answer the questions.

Deliverable

Submit the notebook file with your name included (`dsc3010_assignment_1_``XXX``.ipynb`) via icampus.

Materials

http://api.mongodb.com/python/current/tutorial.html

Let me know if you have any questions yzhu@skku.edu