**CS5560 Knowledge Discovery Management**

**In Class Assignment #6**

1. **Download the data and source code from the following link and make sure the source code is running at your end:**

<https://umkc.box.com/s/yatsidy8xqg3qwo9gm6ao03dvq4vjnjg>

1. **Run the source code multiple times (7 to 10 times minimum) and in each of these runs do the following:**
   1. **Pick 3 hyperparameters and change their values (you may need to find the allowable values for those hyper parameters). Note once you picked the 3 hyperparameters you need to use them for all the other runs but only need to change the values.**
   2. **Find the coherence score and record it.**
   3. **show your pyLDAvis visualization.**
2. **Write down the coherence scores, the 3 hyperparameters and their values, and compare them with each other and with the base line source code values (coherence score = 0.423).**
3. **Justify your selection of 3 hyperparameters and their respective values in each of these runs.**
4. **In your opinion, for each of these 3 hyperparameters what is the best value and why ?**