1. Hanchu Shen [hanchu.shen@vanderbilt.edu](mailto:hanchu.shen@vanderbilt.edu)
2. 6 hours
3. 4 hours
4. sonnets.txt and poems.txt: 0.0195142

sonnets.txt and atlantis.txt: 0.0223843

sonnets.txt and alchemist.txt: 0.0210803

sonnets.txt and hamlet.txt: 0.0197008

peoms.txt and atlantis.txt: 0.0177415

peoms.txt and alchemist.txt: 0.0166743

peoms.txt and hamlet.txt: 0.0156096

alchemist.txt and atlantis.txt: 0.0231669

hamlet.txt and alchemist.txt: 0.0111723

hamlet.txt and atlantis.txt: 0.0234197

1. I don’t think there is enough evidence to convince me that Bacon wrote for Shakespeare, at least from the sample of Atlantis and Hamlet. By comparing directly, the texts of Atlantis by Bacon and Hamlet by Shakespeare, I got the distance of 0.0234197, which is a relatively large number to indicate some difference. In another comparison, the texts of Atlantis by Bacon and Sonnets by Shakespeare also had a high distance of 0.0223843. In other word, word usage comparison showed these two works by Shakespeare has low possibility of being written by Bacon.

However, when I did some other comparisons, such as Sonnets and Hamlet-both written by Shakespeare- also has a high distance even between Shakespeare’s own works. This might be an indication for me that the writing styles of Shakespeare in his different works might not be consistent. As the result, we can say Bacon didn’t write Hamlet for Shakespeare at this point, but we cannot guarantee that all of Shakespeare’s word were indeed written by himself. We just need to some more checks with all suspects and works using this method.

6. No assistance from anyone.

7. Nothing else.

8. It is a fun assignment and I would never know such method to explore one’s writing style.

9. No advice at this point.