**Data Science   
Assignment 3 Guideline**

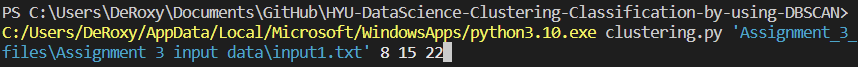
In this assignment, I used Windows 11 with Python to create and run the code.

To run clustering.py code, you have use the command line format:

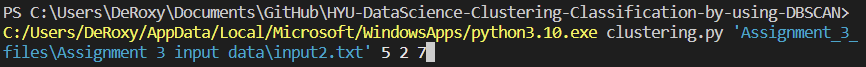
python [python script] [input data file name] [n] [eps] [MinPts]

**Running commad:**

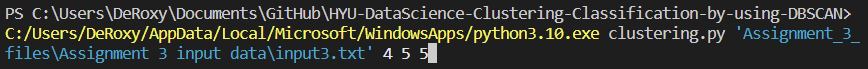
* **python clustering.py input1.txt 8 15 22**



* **python clustering.py input2.txt 5 2 7**

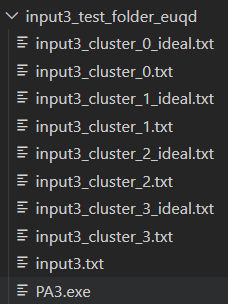
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* **python clustering.py input3.txt 4 5 5**

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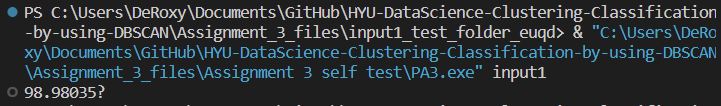
**Before testing -** Please put the following files in a same directory:

* Testing program
* your output files
* given input files
* attached answer files(~ideal.txt)

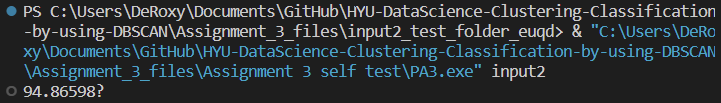


**Testing:**

* **command: & PA3.exe input1**
* **score: 98.98035% or 99%**



* **command: & PA3.exe input2**
* **score: 94.86598% or 95%**

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* **command: & PA3.exe input3**
* **score: 99.97736% or 99%**

