

Assignment 2

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Information: Answer to first Question is in AnswerQ1.txt

Code in iqbh2.py which will make a graph and supply the outputs as desired

genedetails.csv is the gene detail dataset downloaded from the website

Python Version:2.7 used

Run as python iqbh1.py

Input:user input is nothing,just it reads the csv file automatically

Output

Correlation Coefficient: 0.740550376865

Correlation Coefficient of 0.74 indicates a strong correlation between z score and copy number with positive value implying that as x increases so does y

Mean for zscores: 17.62455

Standard Deviation for zscores: 23.9650290412

Note that python libraries are used matplotlib,numpy,scipy which sometimes need to be externally downloaded