**CSC 426 INDIVIDUAL BRAINSTORMING (to be done and submitted systemically within a week)**

1. From your **analysis folder**, access **exams data**. Now, have the underlisted hypothesis to analyze:

i. There is no significant difference in the performance of students from the urban area.

ii. There is no significant difference in the students’ performance in the year 2010.

iii. Environment of residence has no significant relationship with the students’ performance.

2. From your **analysis folder**, access **studperfretainment**. Modify the following in it:

* Code the data/variable representations appropriately.
* Change the caption/variable names 9bus313score to csc413score, bus314score to csc431score).
* Append csc424score and csc426score as parts of the variables. Use the tabulated data below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S/N** | **csc424score** | **csc426score** | **dedicalevel** | **Retain** |
| 1 | 43 | 66 | 1 | 1 |
| 2 | 54 | 77 | 1 | 1 |
| 3 | 56 | 78 | 1 | 1 |
| 4 | 57 | 99 | 1 | 1 |
| 5 | 76 | 43 | 1 | 0 |
| 6 | 74 | 42 | 1 | 1 |
| 7 | 53 | 32 | 1 | 0 |
| 8 | 78 | 31 | 0 | 1 |
| 9 | 86 | 43 | 0 | 0 |
| 10 | 89 | 45 | 0 | 1 |
| 11 | 96 | 32 | 0 | 1 |
| 12 | 65 | 33 | 1 | 1 |
| 13 | 67 | 65 | 1 | 1 |
| 14 | 77 | 76 | 1 | 0 |
| 15 | 78 | 66 | 0 | 1 |
| 16 | 72 | 66 | 0 | 1 |
| 17 | 75 | 54 | 0 | 1 |
| 18 | 73 | 55 | 1 | 1 |
| 19 | 54 | 44 | 0 | 0 |
| 20 | 65 | 22 | 1 | 0 |
| 21 | 65 | 78 | 0 | 0 |
| 22 | 65 | 98 | 1 | 0 |
| 23 | 76 | 21 | 0 | 1 |
| 24 | 89 | 43 | 1 | 1 |
| 25 | 96 | 65 | 1 | 1 |
| 26 | 65 | 76 | 1 | 0 |
| 27 | 67 | 88 | 1 | 0 |
| 28 | 77 | 98 | 1 | 0 |
| 29 | 78 | 43 | 0 | 1 |
| 30 | 72 | 56 | 0 | 0 |
| 31 | 75 | 75 | 0 | 1 |
| 32 | 73 | 34 | 0 | 0 |
| 33 | 54 | 77 | 1 | 1 |
| 34 | 56 | 78 | 1 | 0 |
| 35 | 57 | 72 | 1 | 1 |
| 36 | 76 | 75 | 1 | 0 |
| 37 | 74 | 73 | 1 | 0 |
| 38 | 53 | 54 | 1 | 1 |
| 39 | 78 | 65 | 1 | 1 |
| 40 | 75 | 65 | 1 | 1 |
| 41 | 73 | 76 | 1 | 1 |
| 42 | 54 | 74 | 1 | 1 |
| 43 | 65 | 53 | 0 | 1 |
| 44 | 65 | 78 | 1 | 1 |
| 45 | 65 | 86 | 0 | 1 |
| 46 | 76 | 89 | 1 | 0 |
| 47 | 89 | 96 | 0 | 0 |
| 48 | 96 | 32 | 1 | 1 |
| 49 | 65 | 45 | 1 | 0 |
| 50 | 55 | 34 | 1 | 1 |
| 51 | 54 | 64 | 1 | 0 |
| 52 | 36 | 43 | 0 | 1 |
| 53 | 24 | 45 | 0 | 1 |

With it,

1. have the underlisted research questions to analyze:
2. What is the average performance of the students in the 1st semester?
3. What is the average performance of the students in the 2nd semester?
4. What is the overall average performance of the students for the session?
5. and have the underlisted research questions to analyze:
6. The students’ dedication level has no significant relationship with their retainment as GFs.
7. The students’ overall average performance has no significant relationship with their been retained as Gas.

3. Set of results will be dispatched (handed over) to you, filter the following from it: **level** (e.g. 1 for 100level, etc.), **session** (e.g. 1 for 2010/2011 etc.), **coursename/coursecode**, **courseperfo** (e.g. 1-Pass, 2-Fail), **coursenature** (e.g. 1-Programming, 2-Mathematical, 3-General Course e.g. GST, ENT, 3-Faculty Courses e.g. BIO 101, PHY 309 etc.)

The research questions and hypotheses are:

1. What is the performance rate of programming courses in each of the levels in all the sessions?
2. There is no significant relationship between students’ fail rate and programming courses.