**PROJECT 2 ALUMNI RECORD**

Once a student is passed out from a Institute or College, he/she is known as Alumni of the Institute. Alumni’s career growth plays important role in Institute’s ranking and other networking activities. In this project, career choices of alumni of two Universities will be analyzed with respect to their passing year as well as the course they completed.

Dataset: Six .csv file (Alumni record of College A and College B) Higher Studies, Self Employed and Service/Job record

* College\_A\_HS ~ Higher Studies Record of College A
* College\_A\_SE ~ Self Employed Record of College A
* College\_A\_SJ ~ Service/Job Record of College A
* College\_B\_HS ~ Higher Studies Record of College B
* College\_B\_SE ~ Higher Studies Record of College B
* College\_B\_SJ ~ Higher Studies Record of College B

**Tasks to be performed**

1. Create new schema as alumni
2. Import all .csv files into MySQL
3. Run SQL command to see the structure of six tables
4. Display first 1000 rows of tables (College\_A\_HS, College\_A\_SE, College\_A\_SJ, College\_B\_HS, College\_B\_SE, College\_B\_SJ) with Python.
5. Import first 1500 rows of tables (College\_A\_HS, College\_A\_SE, College\_A\_SJ, College\_B\_HS, College\_B\_SE, College\_B\_SJ) into MS Excel.
6. Perform data cleaning on table College\_A\_HS and store cleaned data in view College\_A\_HS\_V, Remove null values.
7. Perform data cleaning on table College\_A\_SE and store cleaned data in view College\_A\_SE\_V, Remove null values.
8. Perform data cleaning on table College\_A\_SJ and store cleaned data in view College\_A\_SJ\_V, Remove null values.
9. Perform data cleaning on table College\_B\_HS and store cleaned data in view College\_B\_HS\_V, Remove null values.
10. Perform data cleaning on table College\_B\_SE and store cleaned data in view College\_B\_SE\_V, Remove null values.
11. Perform data cleaning on table College\_B\_SJ and store cleaned data in view College\_B\_SJ\_V, Remove null values.
12. Make procedure to use string function/s for converting record of Name, FatherName, MotherName into lower case for views (College\_A\_HS\_V, College\_A\_SE\_V, College\_A\_SJ\_V, College\_B\_HS\_V, College\_B\_SE\_V, College\_B\_SJ\_V)
13. Import the created views (College\_A\_HS\_V, College\_A\_SE\_V, College\_A\_SJ\_V, College\_B\_HS\_V, College\_B\_SE\_V, College\_B\_SJ\_V) into MS Excel and make pivot chart for location of Alumni.
14. Write a query to create procedure get\_name\_collegeA using the cursor to fetch names of all students from college A.
15. Write a query to create procedure get\_name\_collegeB using the cursor to fetch names of all students from college B.
16. Calculate the percentage of career choice of College A and College B Alumni  
    -- (w.r.t Higher Studies, Self Employed and Service/Job)

