

RECESS FINAL PROJECT

BSE2301 SOFTWARE ENGINEERING MINI PROJECT 2

Having successfully gone through the Python Programming Language, Jupyter Notebook and Pandas Library training, you are now ready to work with big data while applying the different techniques you have acquired.

Use python and analytics functions to interrogate the data given to you and derive insights about it. You will be required to include most of the functions you learnt. Using functions that were not in the lecture scope will even earn your team higher marks.

You will be expected to submit;

1. A final report of not more than 10 pages including;
 - An introduction about your dataset.
 - The key objectives for analyzing your data.
 - Features (columns) you analyzed and why you chose them.
 - Processes and techniques, you used and why you chose to use them. (Also include pictures and explanations of your data before and after cleaning it.)
 - Well annotated screenshots of the visualizations (plots/tables) you've generated.
 - Deductions/conclusions for your data.
2. Your script files.

Note:

- This is group work and every group member should be actively involved in doing it.
- The project will run for 2 weeks starting on **28th January 2021 to 11th February 2021**.
- Every group will be supervised at least once. Each group will be required to set up a convenient date and zoom link which will be shared with your supervisors. Supervision is mainly to track your progress and guide you where you're having challenges.
- Lastly, you will have presentations on an agreed-on date that will be communicated to you.

Dataset allocation

No.	Dataset	Day Groups	Evening Groups
1	MPs Profile Information	A, G, J	F, G
2	Malaria in Africa	B, E, K, P	E
3	UCE Results 2011-2015	C, F, L	D
4	2018 Crime Statistics by Category of Crime	D, G, M	C
5	PLE Results 2011-2015	E, H, N	B
6	UACE Results by School 2011-2016	F, I, O	A

Cheers! 😊