PROJECT: ANALYZING STUDENTS' MENTAL HEALTH

datalab

Does going to university in a different country affect your mental health? A Japanese international university surveyed its students in 2018 and published a study the following year that was approved by several ethical and regulatory boards.

The study found that international students have a higher risk of mental health difficulties than the general population, and that social connectedness (belonging to a social group) and acculturative stress (stress associated with joining a new culture) are predictive of depression.

Explore the `students` data using PostgreSQL to find out if you would come to a similar conclusion for international students and see if the length of stay is a contributing factor.

Here is a data description of the columns you may find helpful.

Field Name	Description
`inter_dom`	Types of students (international or domestic)
`japanese_cate`	Japanese language proficiency
`english_cate`	English language proficiency
`academic`	Current academic level (undergraduate or graduate)
`age`	Current age of student
`stay`	Current length of stay in years
`todep`	Total score of depression (PHQ-9 test)
`tosc`	Total score of social connectedness (SCS test)
`toas`	Total score of acculturative stress (ASISS test)

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27	Inter	SEA	Female	Under	17	1	1	Short	2	Low	3	Average	Yes
28	Inter	SEA	Female	Under	20	2	2	Medium	3	Average	4	High	No
29	Inter	EA	Male	Under	19	2	1	Short	3	Average	3	Average	No
30	Inter	EA	Female	Under	18	1	1	Short	3	Average	3	Average	No
31	Inter	SA	Female	Under	21	3	2	Medium	3	Average	4	High	Yes
32	Inter	SA	Male	Under	22	3	2	Medium	3	Average	5	High	No
33	Inter	SEA	Male	Under	20	2	2	Medium	3	Average	4	High	Yes
34													
35													
36	Inter	EA	Male	Under	19	2	1	Short	3	Average	3	Average	No
37	Inter	SEA	Female	Under	21	3	4	Long	2	Low	4	High	No
38	Inter	SEA	Female	Under	22	3	3	Medium	4	High	4	High	No
39	Inter	EA	Female	Under	18	1	1	Short	3	Average	3	Average	No
40	Inter	JAP	Female	Under	21	3	10	Long	5	High	3	Average	No
41	Inter	EA	Female	Under	22	3	3	Medium	3	Average	4	High	Yes
42	Inter	SEA	Male	Under	19	2	1	Short	3	Average	5	High	No

Rows: 286

index	stay	count_int	average_phq	average_scs	average_as
0	10	1	13	32	50
1	8	1	10	44	65
2	7	1	4	48	45
3	6	3	6	38	58.67
4	5	1	0	34	91
5	4	14	8.57	33.93	87.71
6	3	46	9.09	37.13	78
7	2	39	8.28	37.08	77.67
8	1	95	7.48	38.11	72.8

Rows: 9