Table of Contents

The outline of your notebook will show up here. You can include headings in any text cell by starting a line with `#` , `##` , `###` , etc., depending on the desired title hierarchy.

Add Title to Notebook

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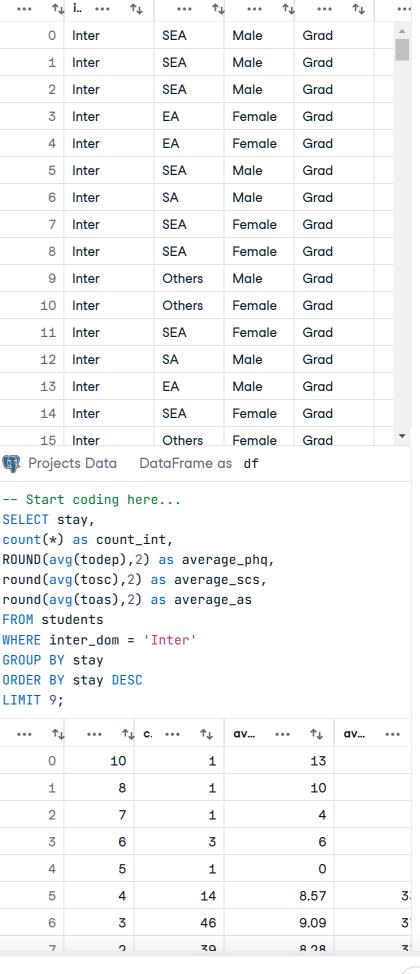
The study found that international students have a higher risk of mental health difficulties than the general population, and that social connectedness (belonging to a social group) and acculturative stress (stress associated with joining a new culture) are predictive of depression.

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)

🐘 Projects Data   DataFrame as `students`

```
-- Run this code to view the data in students
SELECT *
FROM students;
```

		i..								
0	Inter	SEA	Male	Grad
1	Inter	SEA	Male	Grad
2	Inter	SEA	Male	Grad
3	Inter	EA	Female	Grad
4	Inter	EA	Female	Grad
5	Inter	SEA	Male	Grad
6	Inter	SA	Male	Grad
7	Inter	SEA	Female	Grad
8	Inter	SEA	Female	Grad
9	Inter	Others	Male	Grad
10	Inter	Others	Female	Grad
11	Inter	SEA	Female	Grad
12	Inter	SA	Male	Grad
13	Inter	EA	Male	Grad
14	Inter	SEA	Female	Grad
15	Inter	Others	Female	Grad

🐘 Projects Data   DataFrame as `df`

```sql
-- Start coding here...
SELECT stay,
count(*) as count_int,
ROUND(avg(todep),2) as average_phq,
round(avg(tosc),2) as average_scs,
round(avg(toas),2) as average_as
FROM students
WHERE inter_dom = 'Inter'
GROUP BY stay
ORDER BY stay DESC
LIMIT 9;
```

				c.			av...			av...	
0		10			1			13			
1		8			1			10			
2		7			1			4			
3		6			3			6			
4		5			1			0			
5		4			14			8.57			3.
6		3			46			9.09			3
7		2			39			8.28			3