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.

How does the length of stay impact the average mental health diagnostic scores of the international students present in the study?

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

```sql
SELECT *
FROM students;
```

	inter_dom	region	gender	academic	age	age_cate	stay	sto
0	Inter	SEA	Male	Grad	24	4	5	Lo
1	Inter	SEA	Male	Grad	28	5	1	Sh
2	Inter	SEA	Male	Grad	25	4	6	Lo
3	Inter	EA	Female	Grad	29	5	1	Sh
4	Inter	EA	Female	Grad	28	5	1	Sh
5	Inter	SEA	Male	Grad	24	4	6	Lo
6	Inter	SA	Male	Grad	23	4	1	Sh
7	Inter	SEA	Female	Grad	30	5	2	M
8	Inter	SEA	Female	Grad	25	4	4	Lo
9	Inter	Others	Male	Grad	31	5	2	M
10	Inter	Others	Female	Grad	28	5	1	Sh
11	Inter	SEA	Female	Grad	31	5	1	Sh
12	Inter	SA	Male	Grad	29	5	1	Sh
13	Inter	EA	Male	Grad	23	4	1	Sh
14	Inter	SEA	Female	Grad	31	5	1	Sh
15	Inter	Others	Female	Grad	30	5	1	Sh

286 rows

Projects Data   DataFrame as df

```sql
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;
```