Factors of Undergraduate Student Satisfaction

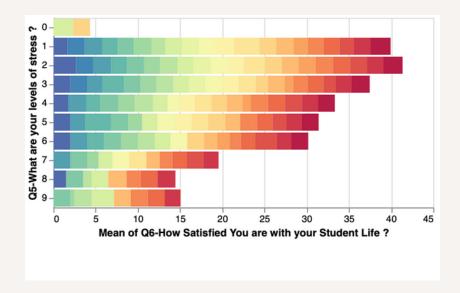
ANANYA NUGGEHALLI CYNTHIA LIM

What factors contribute to undergraduate life satisfaction?

	Year of Study	Primary Programme	Gender	Department	Housing Type	Q2-How many events have you Participated in ?	Q5-What are your levels of stress ?	Q6-How Satisfied You are with your Student Life ?	Q7-How much effort do you make to interact with others ?
0	2	Bachelor of Science	F	School of Science	Residences	1	1	2	2.0
1	1	Bachelor of Engineering	F	School of Engineering	Out of Campus	1	1	2	2.0
2	2	Bachelor of Science	М	School of Science	Halls	1	2	2	2.0
3	2	Bachelor of Engineering	М	School of Engineering	Halls	4	7	1	1.0
4	3	Bachelor of Engineering	F	School of Engineering	Out of Campus	3	4	2	2.0
2951	2	Bachelor of Arts	F	School of Arts & Social Science	Out of Campus	1	4	2	NaN
2952	1	Bachelor of Science (SOC)	М	School of Computing	Residential Colleges	1	4	1	NaN
2953	1	Bachelor of Science	F	School of Science	Out of Campus	1	3	2	NaN
2954	2	Bach. of Med.,Bach. of Surg.	М	School of Medicine1	Out of Campus	1	1	2	NaN
2957	1	Bachelor of Science	F	School of Science	Halls	2	3	2	NaN
2694 rows × 9 columns									

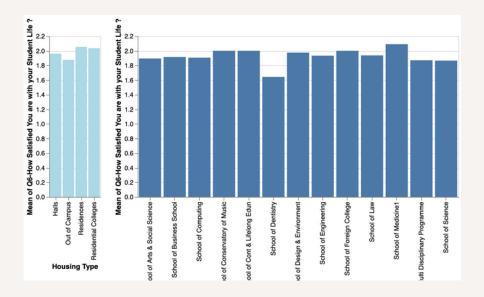
Data

- 2694 student responses, all undergraduate
- 9 Focus Areas



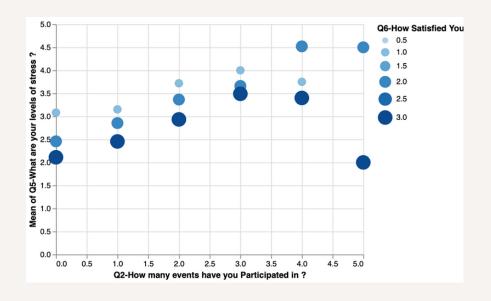
Iteration I

Which areas of constant discourse in academic performance affects the mental outlook of students in terms of satisfaction and stress?



Iteration II

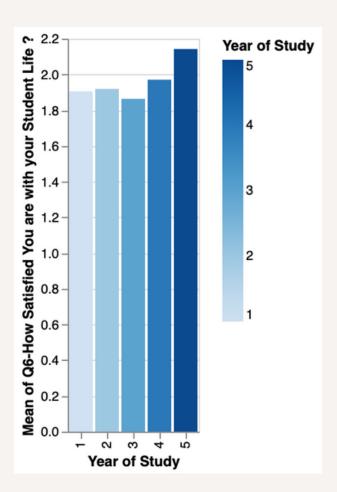
Does housing type and department (e.g. School of Business, School of Law) impact student satisfaction?

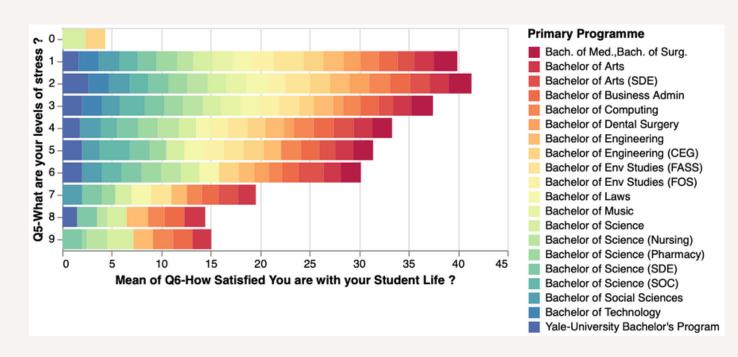


Iteration III

Looks further into the more internal and personal factors of a student's life: stress levels, interaction (measured using an ordinal scale), and participation (measured by the amount of events they participate in)

VISUALIZATIONS

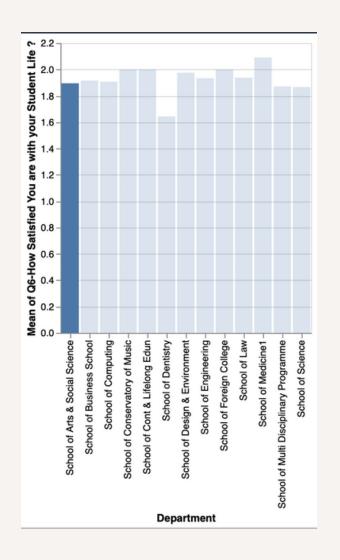


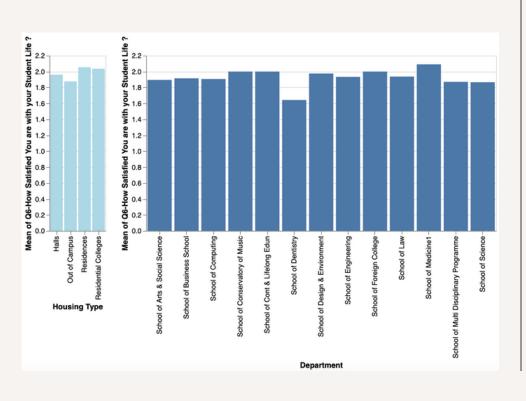


Iteration I

- As time at the institution increases the average satisfaction increased with the exception of year 3
- Satisfaction vs. Stress: the highest satisfaction levels came from low but existing stress levels.

VISUALIZATIONS

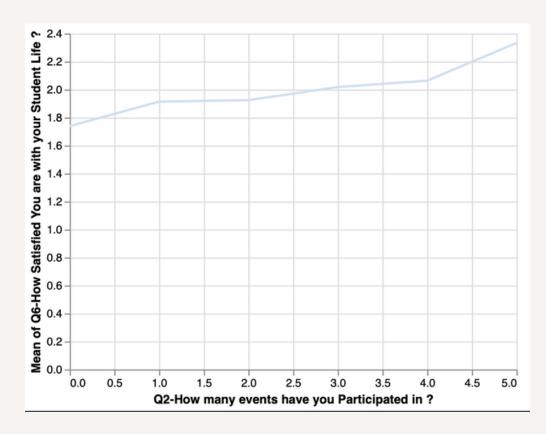


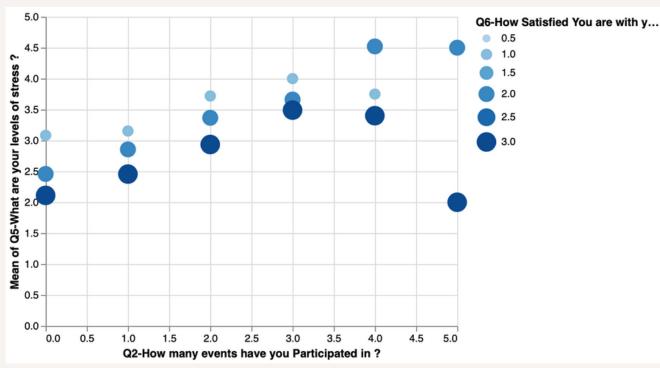


Iteration II

- Housing did not have a strong direct correlation with satisfaction but had a correlation with how varied satisfaction would be
- When examined in relation to Housing, Department doesn't impact overall satisfaction

VISUALIZATIONS





Iteration III

- The amount of effort someone puts into interacting with others directly correlates to higher satisfaction
- Participation in more events does not necessarily mean increased satisfaction, but it does typically increase stress levels

Factors of Significant Impact

Factors that significantly impact undergraduate satisfaction included:

- Stress Levels
- Effort in interacting with others
- Primary Program
- Department

Factors of Small Impact

Factors that slightly impact undergraduate satisfaction included:

- Housing Type
- Event Participation
- Year

Factors of No Impact

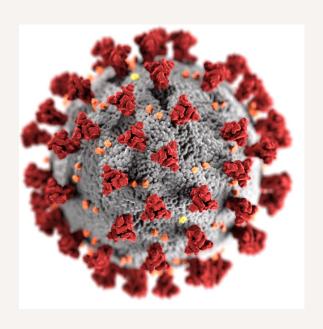
A factors that had no impact on undergraduate satisfaction was gender

Next Steps



Digging Deeper

Look deeper into the factors that significantly impacted satisfaction levels



COVID-19

Explore the ways that COVID-19 has impacted undergraduate satisfaction



Thank you!