

# Demographic Analysis

The initial dataset comprised 71 participants. After data screening, 29 responses were excluded due to failure to meet the Time RSI criterion (values above 2), lack of informed consent, or self-reported meaningless responding. The final sample consisted of 42 participants with a mean age of 23.05 years ( $SD = 2.49$ ). Of these, 28 respondents were male (69%) and 13 were female (31%). The majority of participants were enrolled in a bachelor's degree program (86%), while 14% were pursuing a master's degree. Regarding year of study, 17% of respondents were in their first year, 38% in their second year, 29% in their third year, and 7% in their fourth year.

# Cronbach

Reliability Analysis - Administrative		Reliability Analysis - Infrastructure	
Scale Reliability Statistics		Scale Reliability Statistics	
Cronbach's $\alpha$		Cronbach's $\alpha$	
scale	0.866	scale	0.725
[3]		[3]	
Item Reliability Statistics		Item Reliability Statistics	
Item-rest correlation		Item-rest correlation	
SU01_01	0.703	SU02_01	0.710
SU01_02	0.662	SU02_02	0.459
SU01_03	0.702	SU02_03	0.358
SU01_04	0.627	SU02_04	0.475
SU01_05	0.757	SU02_05	0.487
Reliability Analysis - Academics		Reliability Analysis - Overall Satisfaction	
Scale Reliability Statistics		Scale Reliability Statistics	
Cronbach's $\alpha$		Cronbach's $\alpha$	
scale	0.834	scale	0.946
[3]		[3]	
Item Reliability Statistics		Item Reliability Statistics	
Item-rest correlation		Item-rest correlation	
SU03_01	0.615	SU04_01	0.791
SU03_02	0.677	SU04_02	0.916
SU03_03	0.742	SU04_03	0.901
SU03_04	0.735	SU04_04	0.886
SU03_05	0.407	SU04_05	0.783
SU03_06	0.537		

## Administrative:

The reliability analysis for the administrative scale showed a Cronbach's alpha of 0.866, which indicates good internal consistency of the items. This means that the five statements measuring administrative quality are well aligned and consistently measure the same concept. The item-rest correlations ranged from 0.627 to 0.757, suggesting that all items contribute meaningfully to the scale and none of them need to be removed. Overall, the administrative scale can be considered reliable and suitable for further analysis.

## Infrastructure:

The reliability analysis for the infrastructure scale resulted in a Cronbach's alpha of 0.725, which indicates an acceptable level of internal consistency. This suggests that the items measuring infrastructure quality are generally consistent with each other. The item-rest correlations ranged from 0.358 to 0.710. Although one item shows a slightly lower correlation, all values are still within an acceptable range, meaning that each statement contributes to the scale and none of them need to be removed. Overall, the infrastructure scale is considered reliable enough for further analysis.

## Academics:

The reliability analysis for the academics scale showed a Cronbach's alpha of 0.834, which indicates good internal consistency among the items. This means that the statements measuring academic quality are well aligned and capture the same underlying concept. The item-rest correlations ranged from 0.407 to 0.742. Although one item shows a slightly lower

correlation, all items are still within an acceptable range and contribute to the scale. Overall, the academic scale can be considered reliable and suitable for further analysis.

**Overall satisfaction:**

The reliability analysis for the overall satisfaction scale resulted in a Cronbach's alpha of 0.946, which indicates excellent internal consistency. This suggests that the five items measuring overall satisfaction are very consistent with each other and strongly reflect the same construct. The item-rest correlations ranged from 0.783 to 0.916, showing that all items have a strong relationship with the scale. Therefore, the overall satisfaction scale is highly reliable and appropriate for use in further statistical analyses.

# Descriptives

## Descriptives

Descriptives

	Administration Mean	Infrastructure Mean	Academics Mean	Satisfaction Mean
N	42	42	42	42
Missing	4	4	4	4
Mean	2.98	3.54	3.41	3.01
Median	3.00	3.60	3.33	3.00
Standard deviation	0.915	0.683	0.756	0.994
Minimum	1.00	1.60	1.83	1.20
Maximum	5.00	5.00	5.00	5.00

The descriptive statistics show that students rated infrastructure the highest ( $M = 3.54$ ,  $SD = 0.68$ ), followed by academics ( $M = 3.41$ ,  $SD = 0.76$ ). Administration received the lowest mean rating ( $M = 2.98$ ,  $SD = 0.92$ ). Overall student satisfaction was slightly above the midpoint of the scale ( $M = 3.01$ ,  $SD = 0.99$ ), indicating a moderate level of satisfaction among respondents. The medians were close to the means for all variables, suggesting a fairly balanced distribution of responses. Overall, the results indicate that students evaluate infrastructure and academic quality more positively than administrative services, while their general satisfaction remains moderate.

# Pearson

## Correlation Matrix

Correlation Matrix

		Administration Mean	Infrastructure Mean	Academics Mean	Satisfaction Mean
Administration Mean	Pearson's r	—			
	df	—			
	p-value	—			
Infrastructure Mean	Pearson's r	0.357 *	—		
	df	40	—		
	p-value	0.020	—		
Academics Mean	Pearson's r	0.399 **	0.350 *	—	
	df	40	40	—	
	p-value	0.009	0.023	—	
Satisfaction Mean	Pearson's r	0.610 ***	0.310 *	0.804 ***	—
	df	40	40	40	—
	p-value	<.001	0.046	<.001	—

Note. \* p < .05, \*\* p < .01, \*\*\* p < .001

The correlation analysis shows that all three quality dimensions are positively related to overall student satisfaction. Administration has a strong positive correlation with satisfaction ( $r = 0.610$ ,  $p < .001$ ), meaning that students who rate administrative services more positively also tend to report higher overall satisfaction. Academics shows the strongest relationship with satisfaction ( $r = 0.804$ ,  $p < .001$ ), indicating that perceived academic quality is very closely linked to how satisfied students are with their university experience. Infrastructure is also significantly correlated with satisfaction ( $r = 0.310$ ,  $p = .046$ ), although this relationship is weaker compared to administration and academics.

In addition, the independent variables are moderately correlated with each other. Administration is positively related to infrastructure ( $r = 0.357$ ,  $p = .020$ ) and academics ( $r = 0.399$ ,  $p = .009$ ), and infrastructure is also positively related to academics ( $r = 0.350$ ,  $p = .023$ ). This suggests that students who evaluate one aspect of the university positively often evaluate the other aspects positively as well.

# Separate Linear Regressions

## Linear Regression - Administration

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.610	0.372

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.039	0.423	2.46	0.019
Administration Mean	0.662	0.136	4.86	<.001

## Linear Regression - Infrastructure

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.310	0.0960

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.414	0.788	1.79	0.081
Infrastructure Mean	0.450	0.219	2.06	0.046

## Linear Regression - Academic

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.804	0.646

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.594	0.432	-1.38	0.177
Academics Mean	1.056	0.124	8.55	<.001

Three simple linear regressions were conducted to examine the individual effects of perceived quality of academics, infrastructure, and administration on overall student satisfaction.

First, the regression with academic quality as the predictor showed a strong and significant effect on satisfaction ( $R = 0.804$ ,  $R^2 = 0.646$ ,  $p < .001$ ). This indicates that academic quality alone explains about 65% of the variance in overall student satisfaction, making it the strongest individual predictor.

Second, the regression with administrative quality as the predictor also showed a significant positive effect on satisfaction ( $R = 0.610$ ,  $R^2 = 0.372$ ,  $p < .001$ ). This means that perceived quality of administration explains approximately 37% of the variance in student satisfaction, suggesting that administrative services play an important role in shaping students' overall experience.

Finally, the regression with infrastructure quality as the predictor revealed a weaker but still significant effect on satisfaction ( $R = 0.310$ ,  $R^2 = 0.096$ ,  $p = .046$ ). This indicates that infrastructure quality explains about 10% of the variance in student satisfaction, showing that facilities and technical resources are related to satisfaction, although their influence is smaller compared to academics and administration.

Overall, the results of the separate regressions show that all three dimensions are individually associated with student satisfaction, with academic quality having the strongest impact, followed by administrative quality and infrastructure quality.

# Multiple Linear Regression

## Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.865	0.748

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.9092	0.4889	-1.860	0.071
Administration Mean	0.3893	0.0996	3.909	<.001
Infrastructure Mean	-0.0822	0.1306	-0.630	0.533
Academics Mean	0.8942	0.1202	7.440	<.001

## Assumption Checks

Collinearity Statistics

	VIF	Tolerance
Administration Mean	1.27	0.787
Infrastructure Mean	1.22	0.821
Academics Mean	1.26	0.791

[4]

A multiple linear regression was conducted to examine whether perceived quality of administration, infrastructure, and academics jointly predict overall student satisfaction. The model showed a strong fit ( $R = 0.865$ ,  $R^2 = 0.748$ ), indicating that approximately 75% of the variance in overall student satisfaction is explained by the three predictors together.

The results show that perceived academic quality was the strongest predictor of satisfaction ( $\beta = 0.894$ ,  $p < .001$ ), followed by perceived quality of administration ( $\beta = 0.389$ ,  $p < .001$ ). In contrast, perceived quality of infrastructure did not have a significant effect on satisfaction when included in the model ( $\beta = -0.082$ ,  $p = .533$ ).

Collinearity diagnostics indicated no multicollinearity issues (VIF values ranged from 1.22 to 1.27), suggesting that the predictors are sufficiently independent from each other. Overall, the findings suggest that student satisfaction is mainly driven by academic and administrative quality, while infrastructure does not contribute additional explanatory power beyond these factors.

## Results

### Reliability Analysis - Overall Satisfaction

#### Scale Reliability Statistics

Cronbach's α	
scale	0.946
[3]	

#### Item Reliability Statistics

Item-rest correlation	
SU04_01	0.791
SU04_02	0.916
SU04_03	0.901
SU04_04	0.886
SU04_05	0.783

## Descriptives

#### Descriptives

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Standard deviation	0.915	0.683	0.756	0.994
Minimum	1.00	1.60	1.83	1.20
Maximum	5.00	5.00	5.00	5.00

## Correlation Matrix

Correlation Matrix

		Administration Mean	Infrastructure Mean	Academics Mean	Satisfaction Mean
Administration Mean	Pearson's r	—	—	—	—
	df	—	—	—	—
	p-value	—	—	—	—
Infrastructure Mean	Pearson's r	0.357 *	—	—	—
	df	40	—	—	—
	p-value	0.020	—	—	—
Academics Mean	Pearson's r	0.399 **	0.350 *	—	—
	df	40	40	—	—
	p-value	0.009	0.023	—	—
Satisfaction Mean	Pearson's r	0.610 ***	0.310 *	0.804 ***	—
	df	40	40	40	—
	p-value	<.001	0.046	<.001	—

Note. \* p < .05, \*\* p < .01, \*\*\* p < .001

# Linear Regression

## Model Fit Measures

Model	R	R <sup>2</sup>
1	0.865	0.748

## Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.9092	0.4889	-1.860	0.071
Administration Mean	0.3893	0.0996	3.909	<.001
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## Assumption Checks

### Collinearity Statistics

	VIF	Tolerance
Administration Mean	1.27	0.787
Infrastructure Mean	1.22	0.821
Academics Mean	1.26	0.791

# Reliability Analysis - Academics

## Scale Reliability Statistics

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Cronbach's  $\alpha$

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scale	0.834
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[3]

## Item Reliability Statistics

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Item-rest correlation

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SU03_01	0.615
SU03_02	0.677
SU03_03	0.742
SU03_04	0.735
SU03_05	0.407
SU03_06	0.537

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## Reliability Analysis - Administrative

### Scale Reliability Statistics

Cronbach's $\alpha$	
scale	0.866

[3]

### Item Reliability Statistics

Item-rest correlation	
SU01_01	0.703
SU01_02	0.662
SU01_03	0.702
SU01_04	0.627
SU01_05	0.757

## Reliability Analysis - Infrastructure

### Scale Reliability Statistics

Cronbach's $\alpha$	
scale	0.725

[3]

### Item Reliability Statistics

Item-rest correlation	
SU02_01	0.710
SU02_02	0.459
SU02_03	0.358
SU02_04	0.475
SU02_05	0.487

## Linear Regression - Administration

### Model Fit Measures

Model	R	R <sup>2</sup>
1	0.610	0.372

### Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.039	0.423	2.46	0.019
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## Linear Regression - Infrastructure

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### Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.414	0.788	1.79	0.081
Infrastructure Mean	0.450	0.219	2.06	0.046

# Linear Regression - Academic

## Model Fit Measures

Model	R	R <sup>2</sup>
1	0.804	0.646

## Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.594	0.432	-1.38	0.177
Academics Mean	1.056	0.124	8.55	<.001

Data Analysis Overview																		
Variables		Data	Analyses		Edit													
		Setup	Compute	Transform	Add	DQ Overall	DQ ...	DQ Meaningless Responses	DQ Distraction	I have completed all the ta...	Yes, I have gi...	Yes, I have gi...	Yes, I have gi...	Yes, I have gi...	Yes, I have gi...	Yes, I have gi...	Yes, I have gi...	
1	Interview nu...	Time the inte...	Study progr...	Year of study	F...	Age group	Gender	Citizenship	Consent	DQ Overall	DQ ...	DQ Meaningless Responses	DQ Distraction	SU01_01	SU01_02	SI	...	
1	1	2026-01-15 ...	Bachelor's ...	2nd year	D...	27	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	2			
2	2	2026-01-15 ...	Bachelor's ...	2nd year	D...	25	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2			
3	3	2026-01-15 ...	Bachelor's ...	3rd year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4			
4	4	2026-01-15 ...	Bachelor's ...	3rd year	D...	23	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3			
5	5	2026-01-15 ...	Master's pr...	2nd year	E...	23	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	4	3			
6	6	2026-01-15 ...	Bachelor's ...	3rd year	R...	20	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	4	3			
7	7	2026-01-15 ...	Bachelor's ...	4th year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3			
9	9	2026-01-15 ...	Bachelor's ...	3rd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	5	4			
10	10	2026-01-15 ...	Bachelor's ...	2nd year	D...	22	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	1	2			
11	13	2026-01-16 ...	Bachelor's ...	Prefer not to ...	R...	21	Male	Yes	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	I was distract...	4	1			
12	14	2026-01-16 ...	Bachelor's ...	5th year or h...	D...	28	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	3			
13	16	2026-01-16 ...	Bachelor's ...	2nd year	D...	25	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3			
14	17	2026-01-16 ...	Bachelor's ...	3rd year	D...	21	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3			
15	18	2026-01-16 ...	Bachelor's ...	2nd year	D...	21	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	1	1			
16	19	2026-01-17 ...	Bachelor's ...	1st year	D...	24	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3			
17	20	2026-01-17 ...	Bachelor's ...	1st year	D...	18	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	4			
18	21	2026-01-17 ...	Bachelor's ...	2nd year	D...	24	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4			
19	22	2026-01-17 ...	Bachelor's ...	2nd year	D...	28	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	2			
20	23	2026-01-19 ...	Bachelor's ...	4th year	D...	25	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2			
21	24	2026-01-19 ...	Bachelor's ...	3rd year	D...	21	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3			
22	25	2026-01-19 ...	Bachelor's ...	3rd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	2			
23	26	2026-01-19 ...	Bachelor's ...	5th year or h...	D...	22	Female	Prefer no...	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2			
24	29	2026-01-19 ...	Bachelor's ...	2nd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	Yes, I have gi...	4	3			
25	30	2026-01-20 ...	Master's pr...	Prefer not to ...	D...	28	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	5	5			
26	31	2026-01-20 ...	Bachelor's ...	1st year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	4			
27	32	2026-01-21 ...	Bachelor's ...	2nd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	3			
28	33	2026-01-21 ...	Bachelor's ...	1st year	D...	20	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3			
29	34	2026-01-21 ...	Bachelor's ...	2nd year	D...	23	Female	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	3	2			
30	36	2026-01-21 ...	Bachelor's ...	3rd year	D...	22	Male	Yes	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	I was distract...	2	2			
31	40	2026-01-22 ...	Master's pr...	1st year	D...	24	Male	Prefer no...	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	Yes, I have gi...	4	2			
32	49	2026-01-22 ...	Bachelor's ...	4th year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	4			
33	50	2026-01-22 ...	Bachelor's ...	2nd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2			
34	51	2026-01-22 ...	Bachelor's ...	3rd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	1			
35	54	2026-01-22 ...	Bachelor's ...	2nd year	D...	27	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4			

Ready Filters 0

Row count 46 Filtered 0 Deleted 5 Added 0 Cells edited 1



Data Analysis Overview															Row count 46	Filtered 0	Deleted 5	Added 0	Cells edited 1
	SU03_03	SU03_04	SU03_05	SU03_06	Academics Mean	SU04_01	SU04_02	SU04_03	SU04_04	SU04_05	Satisfacti...	TIME_SUM	TIME_RSI	Time spent o...	Completion ...				
1																			
2	4	5	5	4	4.500	4	3	4	3	4	3.6	148	1.16						
3	4	4	5	4	4.333	4	3	4	4	4	3.8	170	1.2						
4	5	4	2	4	3.667	3	2	3	3	3	2.8	239	0.69						
5	5	4	4	3	4.167	3	3	4	4	4	3.6	244	0.64						
6	2	3	2	3	3.000	4	3	4	3	3	3.4	225	0.7						
7	2	3	3	3	2.833	3	2	3	4	3	3.0	172	0.97						
8	3	3	3	3	3.000	3	3	3	3	3	3.0	143	1.06						
9	4	4	4	4	4.000	4	4	4	4	5	4.2	134	1.25						
10	1	2	2	2	2.167	3	1	1	1	2	1.6	278	0.67						
11	2	4	3	2	2.667	1	1	2	2	1	1.4	171	1.07						
12	3	3	4	4	3.500	4	3	3	4	3	3.4	222	0.62						
13	4	4	4	4	4.000	3	3	3	3	4	3.2	233	0.63						
14	2	4	2	2	3.000	3	3	2	2	1	2.2	239	0.79						
15	1	2	2	3	2.333	2	1	1	1	1	1.2	105	1.57						
16	3	3	3	3	3.000	3	3	3	3	3	3.0	246	0.66						
17	5	5	4	5	4.667	5	5	5	5	5	5.0	164	1.31						
18	3	4	4	2	3.000	3	2	3	2	3	2.6	287	0.58						
19	1	1	2	3	1.833	3	2	2	3	2	2.4	152	1.13						
20	2	2	4	3	3.000	3	1	1	1	2	1.6	244	0.63						
21	3	4	4	4	3.833	4	3	3	3	4	3.4	296	0.36						
22	5	4	4	3	4.167	4	3	3	4	4	3.6	129	1.44						
23	3	4	5	3	3.833	3	1	2	2	3	2.2	185	0.61						
24	4	5	4	4	4.167	4	4	4	4	4	4.0	226	0.57						
25	4	4	4	4	4.167	4	4	5	4	4	4.2	150	1.08						
26	5	5	5	5	5.000	5	5	5	5	5	5.0	266	0.58						
27	3	4	5	5	3.833	3	2	2	2	3	2.4	237	0.6						
28	3	4	4	3	3.500	4	4	4	4	4	4.0	150	1.17						
29	3	3	4	2	3.167	3	3	3	3	3	3.0	167	1.23						
30	2	3	3	2	2.500	2	2	3	2	3	2.4	108	1.79						
31	4	5	4	4	4.333	3	3	4	3	5	3.6	152	1.59						
32	3	3	4	2	3.167	2	2	2	2	4	2.4	152	1.04						
33	2	2	3	2	2.333	1	1	1	1	3	1.4	246	0.51						
34	2	3	2	4	3.000	4	2	2	3	3	2.8	286	0.69						
35	3	3	3	3	3.000	3	3	3	3	3	3.0	138	1.96						

Ready Filters 0

Row count 46 Filtered 0 Deleted 5 Added 0 Cells edited 1

Data													Analyses			Edit					
Variables			Setup		Compute		Transform		Variables		Add		Delete		Filters		Rows				
CASE		STARTED		DE01		DE02		Age		D...		DE06		SC01		SC05		SC04		S...	
1	Interview nu...	Time the inte...	Study progr...	Year of study	F...	Age group	Gender	o a	Age	o a	D...	o a	DE06	o a	SC01	o a	SC02	o a	SC04	o a	S...
2	1	2026-01-15 ...	Bachelor's ...	2nd year	D...	27	Male	No	Yes, I agree	Yes, I ha...	Yes	Yes, I have completed all the ta...	Yes, I have gi...	4	2						
3	2	2026-01-15 ...	Bachelor's ...	2nd year	D...	25	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2						
4	3	2026-01-15 ...	Bachelor's ...	3rd year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4						
5	4	2026-01-15 ...	Bachelor's ...	3rd year	D...	23	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3						
6	5	2026-01-15 ...	Master's pr...	2nd year	E...	23	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	4	3						
7	6	2026-01-15 ...	Bachelor's ...	3rd year	R...	20	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	4	3						
8	7	2026-01-15 ...	Bachelor's ...	4th year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3						
9	9	2026-01-15 ...	Bachelor's ...	3rd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	5	4						
10	10	2026-01-15 ...	Bachelor's ...	2nd year	D...	22	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	1	2						
11	13	2026-01-16 ...	Bachelor's ...	Prefer not to ...	R...	21	Male	Yes	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	I was distract...	4	1						
12	14	2026-01-16 ...	Bachelor's ...	5th year or h...	D...	28	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	3						
13	16	2026-01-16 ...	Bachelor's ...	2nd year	D...	25	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3						
14	17	2026-01-16 ...	Bachelor's ...	3rd year	D...	21	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3						
15	18	2026-01-16 ...	Bachelor's ...	2nd year	D...	21	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	1	1						
16	19	2026-01-17 ...	Bachelor's ...	1st year	D...	24	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	3						
17	20	2026-01-17 ...	Bachelor's ...	1st year	D...	18	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	4						
18	21	2026-01-17 ...	Bachelor's ...	2nd year	D...	24	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4						
19	22	2026-01-17 ...	Bachelor's ...	2nd year	D...	28	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	2						
20	23	2026-01-19 ...	Bachelor's ...	4th year	D...	25	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2						
21	24	2026-01-19 ...	Bachelor's ...	3rd year	D...	21	Male	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3						
22	25	2026-01-19 ...	Bachelor's ...	3rd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	2						
23	26	2026-01-19 ...	Bachelor's ...	5th year or h...	D...	22	Female	Prefer no...	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2						
24	29	2026-01-19 ...	Bachelor's ...	2nd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	Yes, I have gi...	4	3						
25	30	2026-01-20 ...	Master's pr...	Prefer not to ...	D...	28	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	5	5						
26	31	2026-01-20 ...	Bachelor's ...	1st year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	4						
27	32	2026-01-21 ...	Bachelor's ...	2nd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	3						
28	33	2026-01-21 ...	Bachelor's ...	1st year	D...	20	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	3						
29	34	2026-01-21 ...	Bachelor's ...	2nd year	D...	23	Female	Yes	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	I was distract...	3	2						
30	36	2026-01-21 ...	Bachelor's ...	3rd year	D...	22	Male	Yes	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	I was distract...	2	2						
31	40	2026-01-22 ...	Master's pr...	1st year	D...	24	Male	Prefer no...	Yes, I agree	Yes, I ha...	No	I have completed all the ta...	Yes, I have gi...	4	2						
32	49	2026-01-22 ...	Bachelor's ...	4th year	D...	22	Female	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	4	4						
33	50	2026-01-22 ...	Bachelor's ...	2nd year	D...	23	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	2						
34	51	2026-01-22 ...	Bachelor's ...	3rd year	D...	21	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	2	1						
35	54	2026-01-22 ...	Bachelor's ...	2nd year	D...	27	Male	No	Yes, I agree	Yes, I ha...	Yes	I have completed all the ta...	Yes, I have gi...	3	4						
Row count 46													Deleted 0	Filtered 0	Cells edited 1	Ready	Filters 0	Cells edited 1	Rows	Cells edited 1	Cells edited 1

Data Analysis Overview																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Dashboard Overview											
Variables	Data			Analyses		Edit			Completion ...		
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SU03_03	4	SU03_04	5	SU03_05	5	SU03_06	5	Academics Mean	SU04_01	SU04_02	SU04_03
1	2	4	5	5	4	4.500	4	3	3	4	3.6
3	4	4	5	5	4	4.333	4	3	4	4	3.8
4	5	4	2	4	2	3.667	3	2	3	3	2.8
5	5	4	4	3	3	4.167	3	3	4	4	3.6
6	2	3	2	3	3	3.000	4	3	3	3	3.4
7	2	3	3	3	3	2.833	3	2	3	3	3.0
8	3	3	3	3	3	3.000	3	3	3	3	3.0
9	4	4	4	4	4	4.000	4	4	4	5	4.2
10	1	2	2	2	2	2.167	3	1	1	2	1.6
11	2	4	3	2	2	2.667	1	1	2	2	1
12	3	3	4	4	4	3.500	4	3	3	4	3.4
13	4	4	4	4	4	4.000	3	3	3	4	3.2
14	2	4	2	2	2	3.000	3	2	2	1	2.2
15	1	2	2	3	2	2.333	2	1	1	1	1.2
16	3	3	3	3	3	3.000	3	3	3	3	3.0
17	5	5	4	5	5	4.667	5	5	5	5	5.0
18	3	4	4	2	3	3.000	3	2	3	2	2.6
19	1	1	2	3	1.833	3	2	2	3	2	2.4
20	2	2	4	3	3.000	3	1	1	1	2	1.6
21	3	4	4	4	3.833	4	3	3	3	4	3.4
22	5	4	4	3	4.167	4	3	3	4	4	3.6
23	3	4	5	3	3.833	3	1	2	2	3	2.2
24	4	5	4	4	4.167	4	4	4	4	4	4.0
25	4	4	4	4	4.167	4	4	5	4	4	4.2
26	5	5	5	5	5.000	5	5	5	5	5	5.0
27	3	4	5	5	3.833	3	2	2	2	3	2.4
28	3	4	4	3	3.500	4	4	4	4	4	4.0
29	3	3	4	2	3.167	3	3	3	3	3	3.0
30	2	3	2	2	2.500	2	2	3	2	3	2.4
31	4	5	4	4	4.333	3	3	4	3	5	3.6
32	3	3	4	2	3.167	2	2	2	2	4	2.4
33	2	2	3	2	2.333	1	1	1	3	1.4	2.46
34	2	3	2	4	3.000	4	2	2	3	3	2.8
35	3	3	3	3	3.000	3	3	3	3	3	3.0
Row count 46											
Ready	Filters	Clipboard	Variables	Data	Analyses	Edit	Completion ...	TIME_RSI	Cells edited 1	Cells edited 0	Cells edited 0

## Linear Regression - Academic

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.804	0.646

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.594	0.432	-1.38	0.177
Academics Mean	1.056	0.124	8.55	<.001

## Linear Regression - Administration

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.610	0.372

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.039	0.423	2.46	0.019
Administration Mean	0.662	0.136	4.86	<.001

## Linear Regression - Infrastructure

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.310	0.0960

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	1.414	0.788	1.79	0.081
Infrastructure Mean	0.450	0.219	2.06	0.046

# Linear Regression

Model Fit Measures

Model	R	R <sup>2</sup>
1	0.865	0.748

Model Coefficients - Satisfaction Mean

Predictor	Estimate	SE	t	p
Intercept	-0.9092	0.4889	-1.860	0.071
Administration Mean	0.3893	0.0996	3.909	<.001
Infrastructure Mean	-0.0822	0.1306	-0.630	0.533
Academics Mean	0.8942	0.1202	7.440	<.001

## Assumption Checks

Collinearity Statistics

	VIF	Tolerance
Administration Mean	1.27	0.787
Infrastructure Mean	1.22	0.821
Academics Mean	1.26	0.791

[4]

## **Reliability Analysis - Academics**

### **Scale Reliability Statistics**

Cronbach's $\alpha$	
scale	0.834
[3]	

### **Item Reliability Statistics**

Item-rest correlation	
SU03_01	0.615
SU03_02	0.677
SU03_03	0.742
SU03_04	0.735
SU03_05	0.407
SU03_06	0.537

## Reliability Analysis - Administrative

### Scale Reliability Statistics

---

Cronbach's a

---

scale	0.866
-------	-------

---

[3]

### Item Reliability Statistics

---

Item-rest correlation

---

SU01_01	0.703
SU01_02	0.662
SU01_03	0.702
SU01_04	0.627
SU01_05	0.757

---

## Reliability Analysis - Infrastructure

### Scale Reliability Statistics

---

Cronbach's a

---

scale	0.725
-------	-------

---

[3]

### Item Reliability Statistics

---

Item-rest correlation

---

SU02_01	0.710
SU02_02	0.459
SU02_03	0.358
SU02_04	0.475
SU02_05	0.487

---

## Results

### Reliability Analysis - Overall Satisfaction

#### Scale Reliability Statistics

Cronbach's α	
scale	0.946
	[3]

#### Item Reliability Statistics

Item-rest correlation	
SU04_01	0.791
SU04_02	0.916
SU04_03	0.901
SU04_04	0.886
SU04_05	0.783

## Descriptives

#### Descriptives

	Administration Mean	Infrastructure Mean	Academics Mean	Satisfaction Mean
N	42	42	42	42
Missing	4	4	4	4
Mean	2.98	3.54	3.41	3.01
Median	3.00	3.60	3.33	3.00
Standard deviation	0.915	0.683	0.756	0.994
Minimum	1.00	1.60	1.83	1.20
Maximum	5.00	5.00	5.00	5.00

## Correlation Matrix

Correlation Matrix		Administration Mean	Infrastructure Mean	Academics Mean	Satisfaction Mean
		Pearson's r			
Administration Mean	Pearson's r	—			
	df	—			
	p-value	—			
Infrastructure Mean	Pearson's r	0.357 *	—		
	df	40	—		
	p-value	0.020	—		
Academics Mean	Pearson's r	0.399 **	0.350 *	—	
	df	40	40	—	
	p-value	0.009	0.023	—	
Satisfaction Mean	Pearson's r	0.610 ***	0.310 *	0.804 ***	—
	df	40	40	40	—
	p-value	<.001	0.046	<.001	—

Note. \*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$