gender	age	university	degree_level	degree_major	academic_year	cgpa	residential_status	campus_discrimination	sports_engagement	average_sleep	study_satisfaction	academic_workload	academic_pressure	financial_concern	social_relationships	depression	anxiety	isolation	future_insecurity	stress_relief_activities
Male	20	PU	Undergraduate	Data Science	2nd year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	5	4	5	4	3	2	1	1	2	Religious Activities, Social Connections, Online Entertainment
Male	20	UET	Postgraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	No	1-3 times	4-6 hrs	5	4	4	1	3	3	3	3	4	Online Entertainment
Male	20	FAST	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	1-3 times	2-4 hrs	5	5	5	3	4	2	3	3	1	Religious Activities, Sports and Fitness, Online Entertainment
Male	20	UET	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	No Sports	4-6 hrs	3	5	4	4	1	5	5	5	3	Online Entertainment
Female	20	UET	Undergraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	Yes	No Sports	4-6 hrs	3	4	5	2	3	5	5	4	4	Online Entertainment
Female	20	UET	Undergraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	4	5	5	3	3	5	5	5	5	Religious Activities, Social Connections, Online Entertainment
Male	26	PU	Postgraduate	Data Science	1st year	2.5-3.0	Off-Campus	Yes	1-3 times	7-8 hrs	4	4	4	5	2	5	4	4	5	Social Connections, Online Entertainment
Male	22	PU	Undergraduate	Data Science	2nd year	3.0-3.5	Off-Campus	Yes	No Sports	4-6 hrs	3	4	4	5	4	3	2	2	4	Religious Activities, Social Connections, Online Entertainment
Male	20	COMSATS	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	Yes	1-3 times	4-6 hrs	3	4	3	4	2	3	4	3	5	Religious Activities, Social Connections, Online Entertainment, Outdoor Activities
Male	23	COMSATS	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	No Sports	4-6 hrs	3	5	3	5	1	5	5	5	5	Sports and Fitness
Male	20	COMSATS	Undergraduate	Computer Scienc	2nd year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	5	4	4	1	4	3	3	1	3	Religious Activities, Online Entertainment
Male	20	COMSATS	Undergraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	No	1-3 times	4-6 hrs	4	5	4	4	4	2	3	1	2	Religious Activities, Sports and Fitness, Social Connections, Online Entertainment, Outdoor Activities
Male	21	COMSATS	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	No Sports	4-6 hrs	5	3	5	5	1	4	4	4	2	Nothing
Male	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	3	3	4	5	3	5	4	5	1	Religious Activities
Female	20	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	3	3	3	3	2	4	3	5	3	Religious Activities
Female	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	Yes	No Sports	7-8 hrs	5	3	3	4	3	1	1	1	3	Religious Activities, Social Connections, Online Entertainment
Female	20	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	No Sports	2-4 hrs	5	4	4	3	1	3	2	3	1	Social Connections
Male	19	PU	Undergraduate	Data Science	1st year	2.5-3.0	Off-Campus	No	No Sports	7-8 hrs	5	3	5	3	3	2	2	3	1	Religious Activities
Female	19	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	No	1-3 times	4-6 hrs	4	4	3	3	2	4	4	4	2	Religious Activities, Creative Outlets, Social Connections
Male	19	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	Yes	1-3 times	4-6 hrs	5	4	4	5	3	5	5	4	3	Sports and Fitness
Female	20	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	1-3 times	7-8 hrs	5	4	4	2	3	1	2	2	2	Social Connections
Female	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	Yes	No Sports	4-6 hrs	4	5	5	2	2	4	4	5	5	Religious Activities, Social Connections
Male	20	PU	Undergraduate	Data Science	2nd year	2.5-3.0	Off-Campus	No	No Sports	4-6 hrs	3	5	5	3	3	4	4	3	4	Outdoor Activities
Male	20	UET	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	1-3 times	4-6 hrs	5	5	4	5	3	5	5	5	5	Religious Activities, Online Entertainment
Female	19	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	No	1-3 times	4-6 hrs	5	4	4	1	3	4	4	3	3	Religious Activities, Creative Outlets
Male	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	7+ times	4-6 hrs	5	5	3	5	5	4	1	3	2	Religious Activities, Sports and Fitness, Social Connections, Online Entertainment, Outdoor Activities
Male	23	PU	Undergraduate	Data Science	2nd year	2.5-3.0	Off-Campus	Yes	1-3 times	7-8 hrs	3	3	4	1	4	3	3	2	3	Religious Activities, Online Entertainment, Outdoor Activities
Male	20	PU	Undergraduate	Computer Scienc	1st year	1.5-2.0	Off-Campus	Yes	7+ times	2-4 hrs	1	4	5	5	1	5	5	5	5	Online Entertainment
Male	18	PU	Undergraduate	Data Science	1st year	2.5-3.0	Off-Campus	No	4-6 times	4-6 hrs	4	3	4	4	4	3	4	4	2	Sports and Fitness, Creative Outlets, Online Entertainment, Outdoor Activities
Male	20	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	No	4-6 times	7-8 hrs	5	5	5	3	5	5	3	3	2	Religious Activities, Outdoor Activities
Male	18	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	No	No Sports	7-8 hrs	5	3	1	1	3	1	2	2	1	Sleep
Male	19	PU	Undergraduate	Data Science	1st year	2.0-2.5	Off-Campus	No	No Sports	4-6 hrs	2	4	1	5	3	3	3	3	2	Creative Outlets, Social Connections, Online Entertainment, Outdoor Activities
Male	18	PU	Undergraduate	Data Science	1st year	1.5-2.0	On-Campus	No	No Sports	4-6 hrs	5	4	5	2	3	4	3	4	4	Religious Activities
Female	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	On-Campus	No	No Sports	7-8 hrs	5	4	3	2	4	4	2	2	1	Creative Outlets
Female	17	PU	Undergraduate	Computer Scienc	1st year	3.5-4.0	On-Campus	No	No Sports	4-6 hrs	4	5	5	5	1	5	5	5	3	Sleep
Male	18	PU	Undergraduate	Computer Scienc	1st year	3.5-4.0	On-Campus	No	7+ times	4-6 hrs	3	3	4	5	2	4	3	4	5	Religious Activities, Sports and Fitness, Social Connections
Female	17	PU	Undergraduate	Computer Scienc	1st year	3.5-4.0	On-Campus	No	No Sports	4-6 hrs	4	4	4	5	3	4	4	5	2	Religious Activities
Female	19	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	4-6 times	7-8 hrs	5	3	2	2	4	1	2	1	1	Religious Activities
Female	18	PU	Undergraduate	Data Science	1st year	2.5-3.0	Off-Campus	No	No Sports	4-6 hrs	1	4	5	5	2	5	5	5	5	Creative Outlets
Female	19	PU	Undergraduate	Data Science	2nd year	2.5-3.0	Off-Campus	No	No Sports	2-4 hrs	2	4	4	1	2	3	3	4	3	Religious Activities
Female	19	PU	Undergraduate	Data Science	2nd year	2.5-3.0	Off-Campus	No	1-3 times	4-6 hrs	4	4	4	4	1	1	1	1	4	Religious Activities, Social Connections, Online Entertainment
Male	18	PU	Undergraduate	Data Science	1st year	3.0-3.5	Off-Campus	No	No Sports	7-8 hrs	2	4	4	5	1	5	4	4	5	Online Entertainment
Male	18	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	Yes	1-3 times	4-6 hrs	4	3	3	2	3	3	3	3	4	Online Entertainment
Male	18	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	Yes	4-6 times	7-8 hrs	4	2	2	1	3	1	1	2	3	Online Entertainment
Male	19	NUST	Undergraduate	Computer Scienc	3rd year	3.5-4.0	On-Campus	No	1-3 times	7-8 hrs	4	4	4	3	4	2	2	2	4	Religious Activities, Online Entertainment, Outdoor Activities
Male	18	PU	Undergraduate	Data Science	1st year	0.0-0.0	Off-Campus	No	7+ times	7-8 hrs	4	4	4	4	5	3	3	1	3	Sports and Fitness
Male	21	PU	Undergraduate	Software Engine	4th year	3.5-4.0	Off-Campus	Yes	1-3 times	4-6 hrs	3	4	5	4	3	5	5	5	5	Religious Activities, Sports and Fitness, Creative Outlets, Online Entertainment
Male	20	PU	Undergraduate	Data Science	3rd year	3.5-4.0	Off-Campus	Yes	No Sports	7-8 hrs	4	4	3	1	1	3	3	3	2	Online Entertainment
Male	19	PU	Undergraduate	Computer Scienc	1st year	2.0-2.5	On-Campus	No	1-3 times	4-6 hrs	5	4	5	5	1	3	4	5	1	Sports and Fitness, Creative Outlets, Social Connections, Outdoor Activities, Sleep
Male	20	PU	Undergraduate	Data Science	2nd year	3.0-3.5	Off-Campus	No	No Sports	4-6 hrs	5	3	1	5	3	1	1	2	1	Religious Activities
Male	21	PU	Undergraduate	Data Science	2nd year	3.5-4.0	On-Campus	No	1-3 times	4-6 hrs	5	4	3	4	5	2	2	2	3	Religious Activities, Social Connections, Online Entertainment, Sleep
Male	17	PU	Undergraduate	Information Tech	1st year	0.0-0.0	Off-Campus	No	7+ times	7-8 hrs	3	5	5	1	3	4	4	4	5	Outdoor Activities
Male	18	PU	Undergraduate	Information Tech	1st year	0.0-0.0	Off-Campus	No	7+ times	7-8 hrs	5	3	4	3	5	3	3	3	3	Religious Activities, Sports and Fitness, Social Connections
Male	18	PU	Undergraduate	Information Tech	1st year	0.0-0.0	Off-Campus	No	1-3 times	4-6 hrs	5	5	3	2	1	2	4	5	2	Social Connections, Online Entertainment, Sleep
Male	22	VU	Undergraduate	Software Engine	4th year	3.0-3.5	Off-Campus	No	1-3 times	7-8 hrs	4	4	3	5	1	3	3	4	1	Religious Activities, Sports and Fitness, Outdoor Activities
Male	21	PU	Undergraduate	Data Science	2nd year	2.5-3.0	On-Campus	Yes	4-6 times	4-6 hrs	3	4	5	3	4	1	1	1	1	Religious Activities, Social Connections
Male	20	COMSATS	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	Yes	4-6 times	4-6 hrs	4	3	5	3	3	4	4	4	4	Outdoor Activities
Male	20	PU	Undergraduate	Data Science	1st year	0.0-0.0	On-Campus	No	No Sports	4-6 hrs	4	4	4	5	2	3	2	4	2	Sleep
Male	20	PU	Undergraduate	Data Science	2nd year	3.5-4.0	Off-Campus	No	4-6 times	7-8 hrs	5	2	2	1	3	1	1	1	1	Religious Activities, Social Connections
Male	21	FAST	Undergraduate	Data Science	3rd year	2.0-2.5	Off-Campus	No	1-3 times	4-6 hrs	3	5	4	1	3	2	2	4	4	Religious Activities, Sports and Fitness
Male	21	FAST	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	4-6 times	4-6 hrs	4	4	4	2	4	2	2	2	3	Outdoor Activities
Male	20	COMSATS	Undergraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	No	1-3 times	4-6 hrs	3	4	3	4	1	1	2	1	3	Religious Activities, Social Connections, Online Entertainment
Male	20	UMT	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	7+ times	7-8 hrs	5	3	4	3	2	4	4	4	5	Religious Activities, Sports and Fitness, Social Connections, Online Entertainment, Outdoor Activities, Sle
Female	19	PU	Undergraduate	Computer Scienc	2nd year	3.0-3.5	Off-Campus	No	No Sports	7-8 hrs	4	3	3	3	3	4	4	3	2	Religious Activities, Social Connections, Sleep
Male	20	COMSATS	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	Yes	1-3 times	4-6 hrs	3	4	4	5	3	5	5	5	4	Religious Activities, Sports and Fitness, Creative Outlets, Online Entertainment
Male	20	UMT	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	No Sports	7-8 hrs	3	3	4	5	3	4	4	4	4	Social Connections
Male	20	FAST	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	1-3 times	4-6 hrs	4	5	5	1	5	3	4	1	1	Religious Activities, Sports and Fitness, Social Connections, Sleep
Male	20	FAST	Undergraduate	Computer Scienc	3rd year	3.5-4.0	On-Campus	No	No Sports	4-6 hrs	4	5	5	3	3	2	2	2	3	Religious Activities, Social Connections, Online Entertainment, Sleep
Male	20	FAST	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	No	7+ times	4-6 hrs	4	5	5	5	4	3	4	2	3	Social Connections, Sleep
Male	19	UOL	Undergraduate	Computer Scienc	3rd year	2.5-3.0	Off-Campus	Yes	4-6 times	7-8 hrs	3	2	4	4	4	1	1	3	3	Outdoor Activities
Male	22	UET	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	No Sports	4-6 hrs	4	4	5	4	3	4	4	4	4	Religious Activities
Male	20	UET	Undergraduate	Computer Scienc	3rd year	3.0-3.5	Off-Campus	No	7+ times	7-8 hrs	4	2	3	4	2	3	3	4	3	Religious Activities, Sports and Fitness, Sleep
Female	20	UET	Undergraduate	Computer Scienc	3rd year	3.5-4.0	Off-Campus	No	No Sports	4-6 hrs	5	4	5	4	1	4	5	5	4	Online Entertainment
Female	19	UET	Undergraduate	Computer Scienc	3rd year	3.0-3.5	On-Campus	No	No Sports	4-6 hrs	3	5	5	3	3	5	5	3	5	Sleep
Male	21	PU	Undergraduate	Data Science	1st year	3.5-4.0	Off-Campus	No	7+ times	7-8 hrs	5	3	3	2	4	1	1	1	2	Religious Activities, Social Connections
Male	26	KUST	Undergraduate	Data Science	4th year	3.5-4.0	Off-Campus	Yes	1-3 times	4-6 hrs	5	5	1	5	1	5	5	5	5	Creative Outlets, Social Connections, Online Entertainment
Female	19	UET	Undergraduate	Computer Scienc	2nd year	2.5-3.0	Off-Campus	Yes	No Sports	4-6 hrs	3	5	5	5	3	4	3	3	4	Social Connections, Sleep
Male	22	PU	Undergraduate	Information Tech	4th year	3.0-3.5	Off-Campus	No	4-6 times	4-6 hrs	5	3	3	3	4	2	2	2	4	Social Connections, Outdoor Activities
Male	22	PU	Undergraduate	Information Tech	4th year	3.0-3.5	Off-Campus	Yes	No Sports	4-6 hrs	5	4	2	5	1	5	5	5	3	Religious Activities, Sports and Fitness, Online Entertainment
Female	21	PU	Undergraduate	Information Tech	4th year	3.5-4.0	Off-Campus	Yes	No Sports	7-8 hrs	3	3	3	3	3	5	5	5	1	Sleep
Female	21	PU	Undergraduate	Information Tech	4th year	3.0-3.5	Off-Campus	No	No Sports	7-8 hrs	3	4	4	3	4	4	4	2	4	Online Entertainment, Sleep
Male	22	PU	Undergraduate	Information Tech	4th year	3.0-3.5	Off-Campus	No	No Sports	7-8 hrs	1	2	2	1	2	2	2	5	2	Religious Activities
Male	22	PU	Undergraduate	Information Tech	4th year	3.0-3.5	On-Campus	No	No Sports	7-8 hrs	4	3	1	4	4	2	3	1	2	Online Entertainment, Outdoor Activities, Sleep
Female	22	COMSATS	Undergraduate	Software Engine	4th year	3.0-3.5	Off-Campus	Yes	No Sports	2-4 hrs	5	5	5	5	1	5	5	5	5	Religious Activities, Sports and Fitness, Social Connections, Online Entertainment, Outdoor Activities, Sle
Male	21	PU	Undergraduate	Data Science	2nd year	2.0-2.5	Off-Campus	No	No Sports	4-6 hrs	5	4	2	4	3	1	2	1	1	Religious Activities, Sports and Fitness, Social Connections, Online Entertainment, Outdoor Activities, Sle
Male	22	PU	Undergraduate	Data Science	2nd year	2.5-3.0	Off-Campus	No	No Sports	4-6 hrs	3	3	3	3	2	3	4	4	5	Sleep
Female	19	PU	Undergraduate	Data Science	2nd year	3.5-4.0	On-Campus	No	4-6 times	4-6 hrs	4	4	4	3	4	2	2	1	3	Sports and Fitness

Boxplot

Variable Name	Minumum	Lower Quartile	Upper Quartile	Maximum
Age	17	19	21	26
study_satisfaction	1	3	5	5
academic_workld	2	3	4.5	5
academic_pressu	1	3	5	5
financial_concern	1	2.5	5	5
social_relationshi	1	2	4	5
depression	1	2	4	5
anxiety	1	2	4	5
isolation	1	2	4.5	5
future_insecurity	1	2	5	5
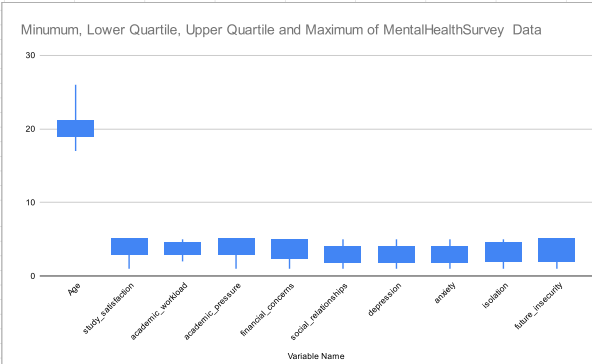
Interpretation

Age:
Students range from 17 to 26 years old, mostly in their late teens to early twenties.

Study Satisfaction:
Satisfaction scores range from 1 to 5. While some students are very dissatisfied, many are quite satisfied.

Academic Workload:
Workload scores range from 2 to 5, indicating that students generally feel their workload is moderate to high.

Academic Pressure:
Pressure levels also range from 1 to 5. Many students feel significant pressure, though some report low pressure.

Financial Concerns:
Scores range from 1 to 5, showing that while some students aren't worried about finances, many do have serious concerns.

Social Relationships:
Social relationship scores range from 1 to 5, suggesting some students struggle while many have good relationships.

Mental Health (Depression, Anxiety, Isolation):
Mental health scores are similar, ranging from 1 to 5, indicating that many students face challenges in these areas.

Future Insecurity:
Scores for future insecurity range from 1 to 5, showing that while some feel secure, many worry about their future.

Overall, many students are satisfied with their studies and relationships, but many face challenges with academic pressure, finances, and mental health. This highlights the need for support services at universities to help students thrive.

Minumum, Lower Quartile, Upper Quartile and Maximum of MentalHealthSurvey Data