

General Exploration Questions

Demographics:

- What is the distribution of students by age and gender?
 - By gender, approximately 55.7% of students are male and 44.3% are female students.
 - Students range in age from 18 to 34, with the maximum age of students being 24 years old.
- How many students are from each city?
 - Agra: 1092
 - Ahmedabad: 949
 - Bangalore: 766
 - Bhopal: 933
 - Chennai: 883
 - Delhi: 767
 - Faridabad: 461
 - Ghaziabad: 744
 - Hyderabad: 1338
 - Indore: 643
 - Jaipur: 1034
 - Kalyan: 1564
 - Kanpur, 607
 - Kolkata: 1065
 - Lucknow: 1154
 - Ludhiana: 1109
 - Meerut: 822
 - Mumbai: 698
 - Nagpur: 651
 - Nashik: 547
 - Patna: 1006
 - Pune: 968
 - Rajkot: 814
 - Srinagar: 1372
 - Surat: 1078
 - Thane: 1139
 - Vadodara: 693
 - Varanasi: 684 , ,Vasai-Virar: 1289, Visakhapatnam:968 .

Academic Performance:

- What is the average CGPA of students?
- The average CGPA of students is 7.65
- How does CGPA vary by gender or city?
- By gender: 7.7 for males and 7.59 for females, there isn't a significant variation between genders.
- By city also there are no significant differences between cities by different genders, as the average is about 7.6.

Lifestyle Factors:

- What is the average sleep duration of students?
- 3 hours of sleep duration
- How does sleep duration vary by academic pressure or work pressure?
- Sleep duration isn't influenced by work pressure as work pressure is 0.
- Meanwhile, students whose academic pressure is 0 have the least sleep duration of all students, the higher the academic pressure, the more students have a longer sleep duration.

Depression Status:

- What percentage of students are depressed?
- The percentage of depressed students is about 58%
- How does depression status vary by gender, age, or city?
 - By gender, male students are more likely to have depression than female students [32% males against 25% females].
 - By age, students between 18 and 29 are more likely to have depression between 2.5% and 5.6%, meanwhile, students between 30 and 34 are shown to have no depression between 1.7% and 2%.
 - By city, Kalyan has a higher rate of depression by 3.3%, meanwhile, Faridabad has the lowest by approximately 1%.