**QUERIES SUBMISSION**

1. How many unique students are included in the dataset?

2157 (Based on their Emails)

2. What is the average GPA of the students?

8.04

3. What is the distribution of students across different graduation years?

The Students(1034) are the same for the graduation years 2023 and 2024, and students(914) are slightly fewer for the year 2025. Finally, some students(464) belong to the graduation year 2026.

4. What is the distribution of student's experience with Python programming?

There are more students with 5 months of experience in Python and almost the same number of students for 6,7,8 months experience of students, 4 months experience of Python students are least.

5. What is the average family income of the student?

Nearly close to 2,85,000

6. How does the GPA vary among different colleges? (Show top 5 results only)

The Average GPA is closely varying with other ones. St. Xavier's College(8.20), Thakur Institute of Management(8.17), AP shah institute of technology(8.16), B.K. Birla College of arts(8.16), Vidyalankar Institute of Technology(8.12)

7. Are there any outliers in the quantity (number of courses completed) attribute?

No

8. What is the average GPA for student from each city?

Avg is 8.04, Top 5 cities are - Kolhapur(8.56), Raipur(8.51), Sonipat(8.46), Gurugram(8.46), Puri(8.45)

9. Can we identify any relationship between family income and GPA?

There is no exact relationship between income and GPA, but the Average GPA is almost the same for all categories of family income. (Close to 8.04)

10. How many students from various cities? (Solve using data visualization tool)

2157 students from 177 cities.

11. How does the expected salary vary based on factors like "GPA", "Family income", "Experience with Python (Months)"?

High GPA expects High Salary, More experience people demand more salary, the more family income the higher salary expected.

12. Which events tend to attract more students from specific fields of study?

Internship Program and Success Conclave, Product Design and Full Stack

13. Do students in leadership positions during their college years tend to have higher GPAs or better expected salary?

Higher GPA

14. How many students are graduating by the end of 2024?

1034

15. Which promotion channel brings in more student participations for the event?

WhatsApp

16. Find the total number of students who attended the events related to Data Science? (From all Data Science related courses.)

218

17. Those who have high CGPA & More experience in language those who had high expectations for salary? (Avg)

High GPA expects High Salary, More experience people demand more salary

18. How many students know about the event from their colleges? Which of these Top 5 colleges?

64 students, Top 5 colleges - Wilson College, Vidyalankar Institute of technology, Vishwakarma Institute of technology, Symbiosis Institute of technology, Thakur Institute of management studies