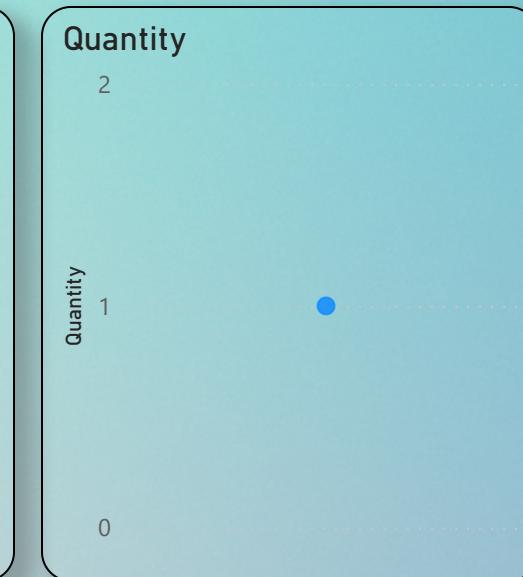
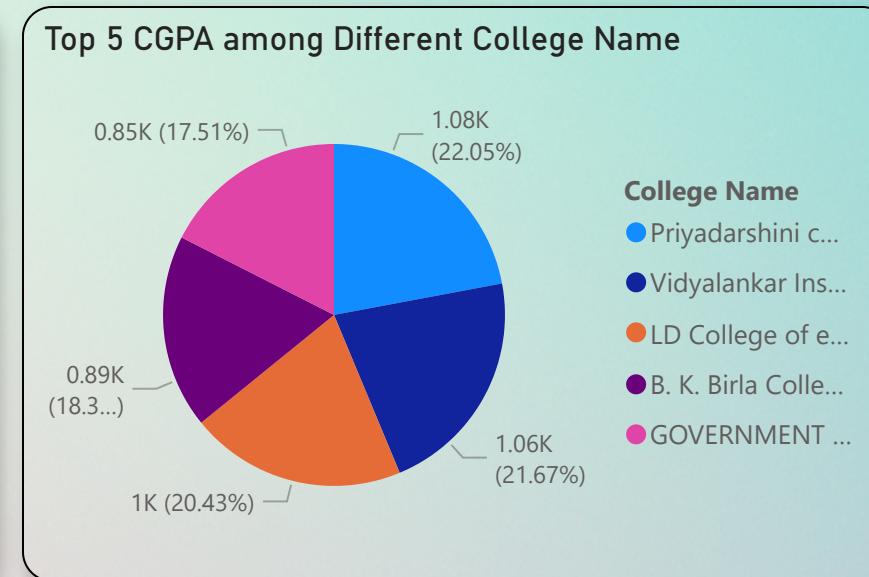
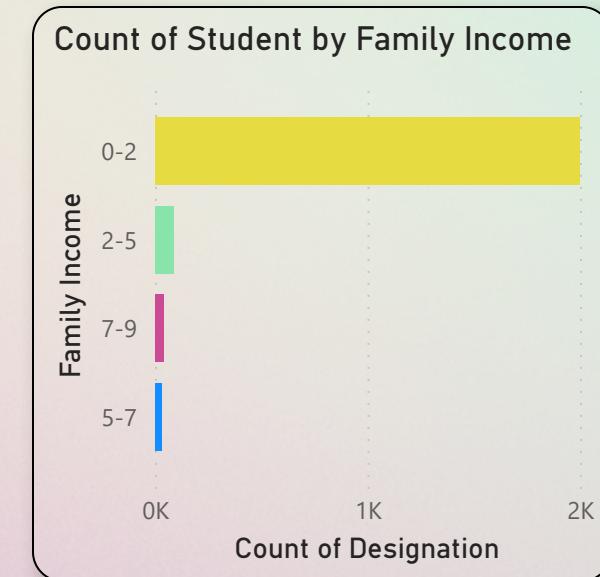
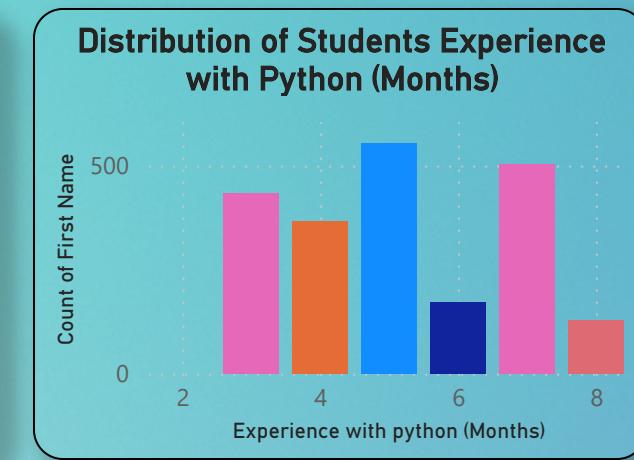
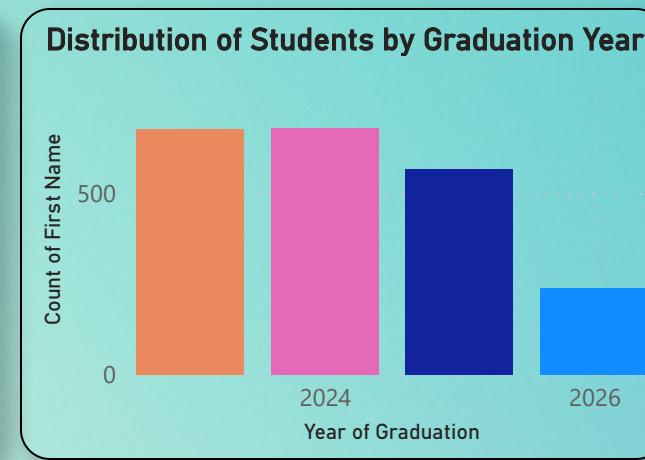
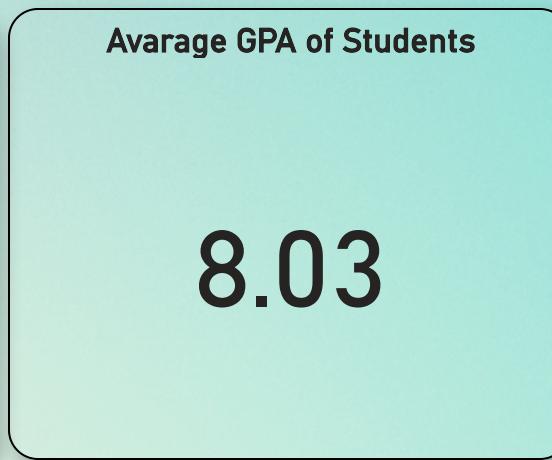
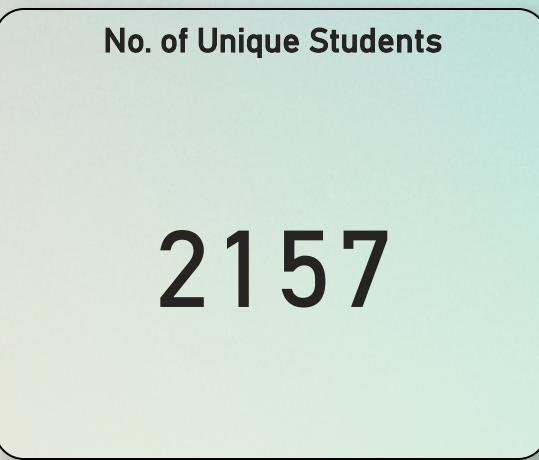


Basic Questions



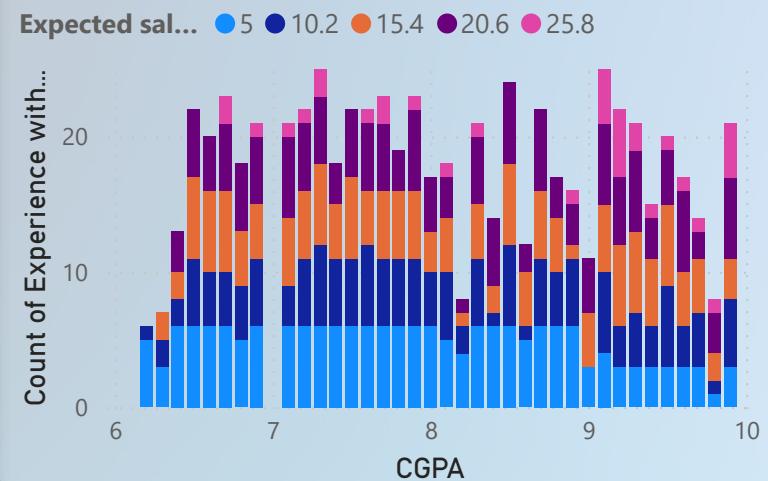
City	Average of CGPA
Agartala	8.01
Agra	7.88
Ahemdabad	8.07
Ajmer	8.24
Akola	7.91
Aligarh	7.52
Alipore	8.23
Almora	8.05
Ambala	7.88
Ambikapur	7.79
Amer	7.57
Total	8.03

Moderate Questions

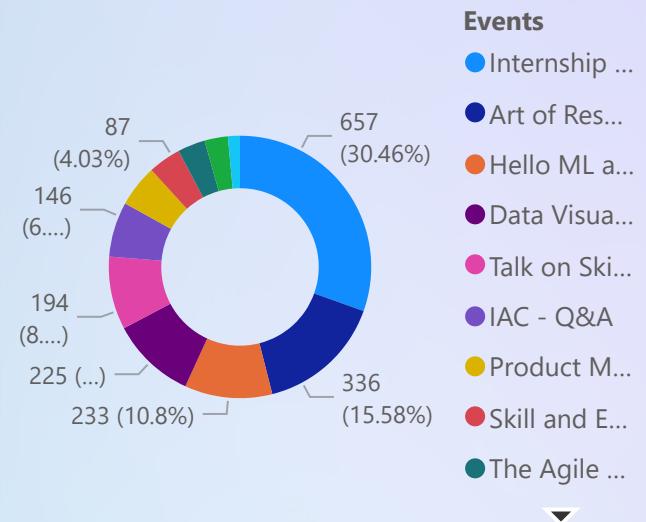
Distribution of Students by City

City	Count of First Name
Amravati	2
Darbhanga	4
Una	4
Anantnag	5
Bidar	5
Cuttack	5
Hasan	5
konark	5
Munger	5
Muzaffarpur	5
Total	2157

Count of Experience with python (Months) by CGPA and Expected salary (Lac) (bins)



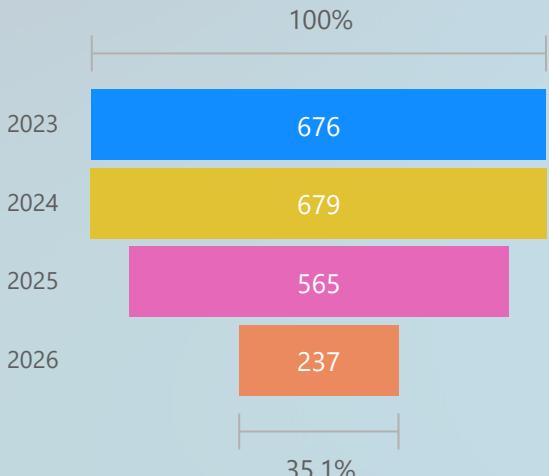
Distribution of Event by Students



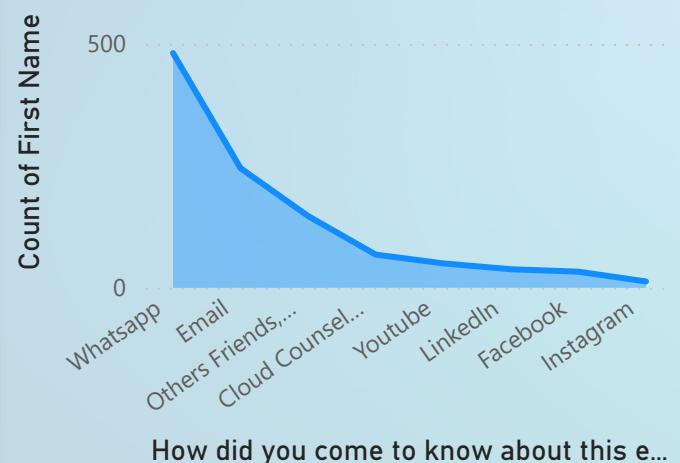
Salary Expectations vs. CGPA: A Student Leader's Perspective

CGPA	Expected salary (Lac)	Leaders
9.10	31	no
6.70	30	no
6.70	30	yes
6.90	30	no
7.10	30	no
7.20	30	yes
7.30	30	no
7.30	30	yes

Count of Students by Year of Graduation



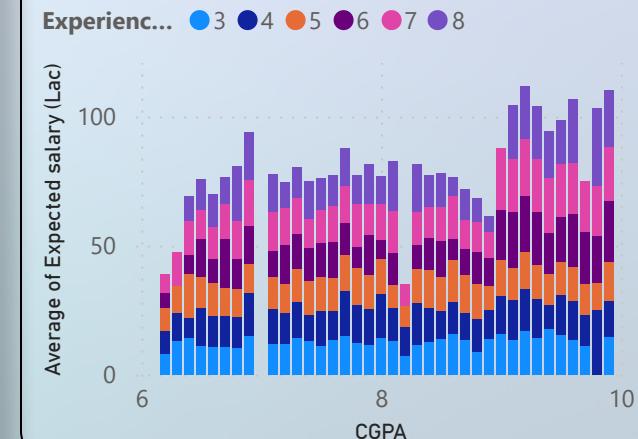
Count of Students by How did they know about this event?



No. of Students attended Data Science Event



Average of Expected salary (Lac) by CGPA and Experience with python (Months)



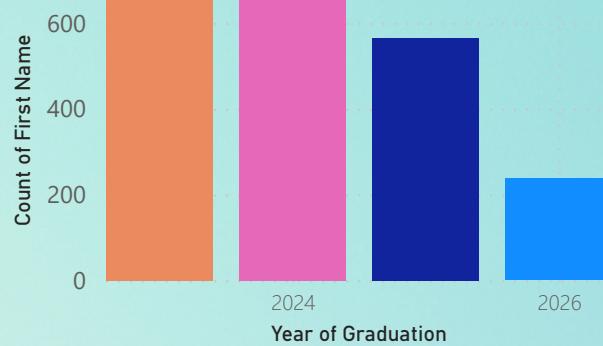
No. of Unique Students

2157

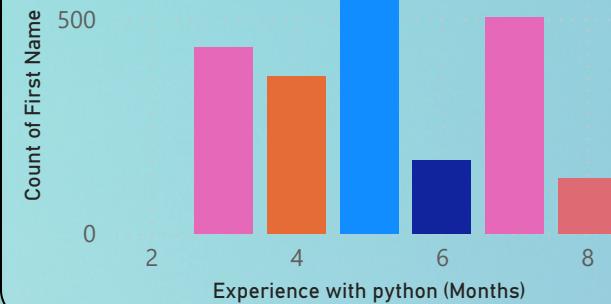
Average GPA of Students

8.03

Distribution of Students by Graduation Year



Distribution of Students Experience with Python (Months)



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

Conclusion:
The dataset comprises a total of 2157 unique students.

2. What is the average GPA of the students?

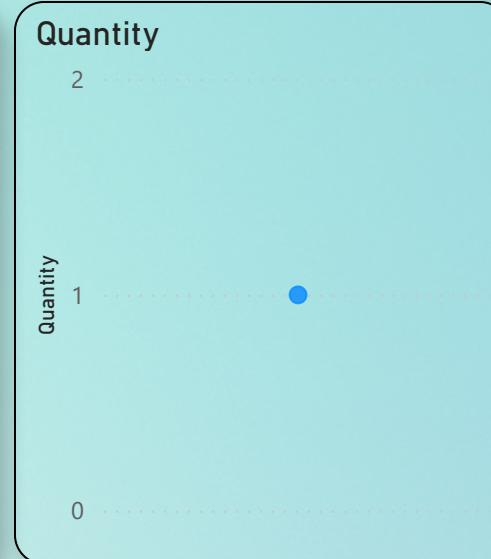
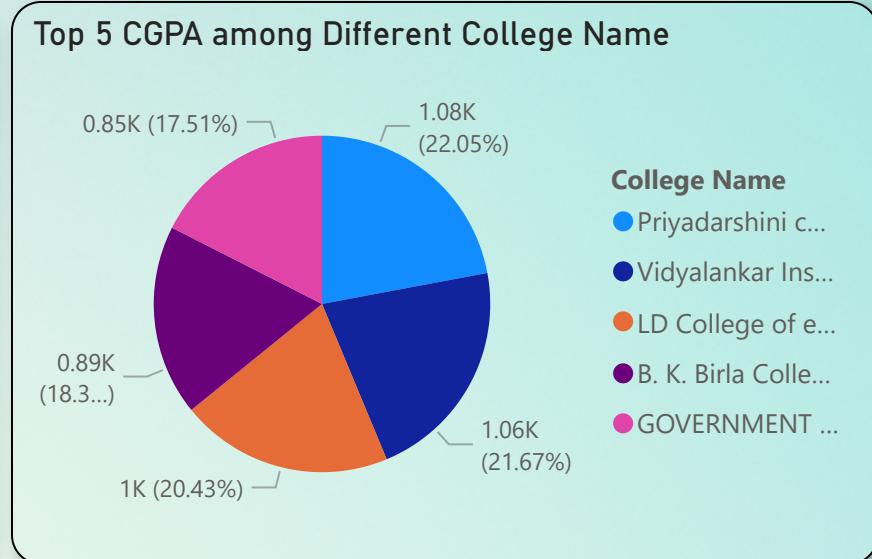
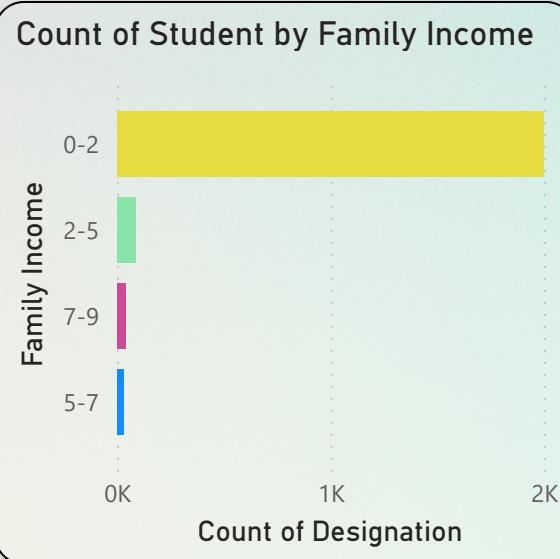
Conclusion:
The average CGPA of students in the dataset is 8.03.

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

Conclusion:
In the year 2023, the number of graduating students is 676.
In the year 2024, the number of students is 679.
In the year 2025, the number of students is 565.
In the year 2026, the number of students is 237.

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

Conclusion:
434 students have 3 months of experience.
366 students have 4 months of experience.
554 students have 5 months of experience.
171 students have 6 months of experience.



City	Average of CGPA
Agartala	8.01
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Akola	7.91
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Almora	8.05
Ambala	7.88
Ambikapur	7.79
Amer	7.57
Total	8.03

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

Conclusion: The average family income of students falls within the range of 0-2 lakh

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

Conclusion:

B.K. Birla College: 8.21 CGPA
 Priyadarshini College: 8.09 CGPA
 Vidyalankar Institute: 8.07 CGPA
 LD College: 8.04 CGPA
 Government Polytechnic Gandhinagar: 7.77 CGPA

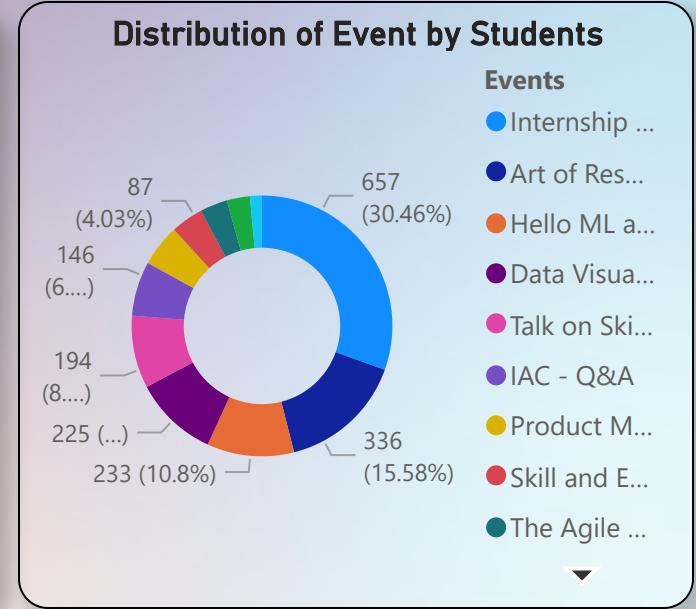
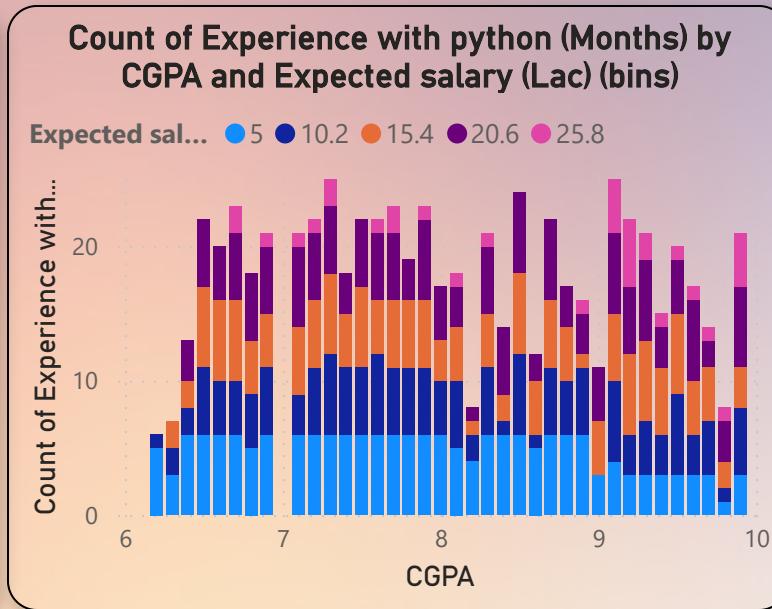
7.Are there any outliers in the quantity (number of courses completed) attribute?

Conclusion: There are no outliers in the quantity attribute.

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

Conclusion:
 Delhi: 9.01 CGPA
 Raipur: 8.98 CGPA
 Sonipat: 8.71 CGPA
 Konark: 8.54 CGPA
 Karnal: 8.53 CGPA

Distribution of Students by City	
City	Count of First Name
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Total	2157



Salary Expectations vs. CGPA: A Student Leader's Perspective		
CGPA	Expected salary (Lac)	Leadership
6.20	5	no
6.40	5	no
6.40	5	yes
6.50	5	no
6.50	5	yes
6.60	5	yes
6.70	5	no
6.70	5	yes

9. How many students from various cities? (Solve using data visualisation tool).

Conclusion: The dataset comprises 2157 students from 177 various cities.

10. How does the expected salary vary based on factors like 'GPA', 'Family income', 'Experience with python (Months)?

Conclusion: The expected salary of students, based on CGPA, family income, and Python experience, varies. For example:

CGPA: 6.90, Family Income: 5-7 lakh,

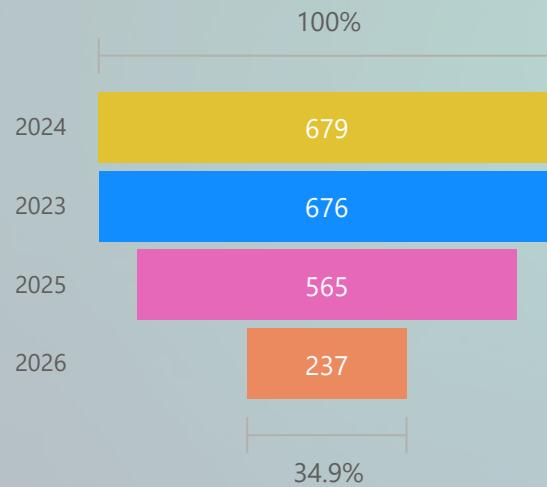
11. Which event tends to attract more students from specific fields of study?

Conclusion: The Internship Program (IP) Success Conclave event attracts a significant number of students from specific fields of study, totalling 657 students, which is 30.46% of the participants.

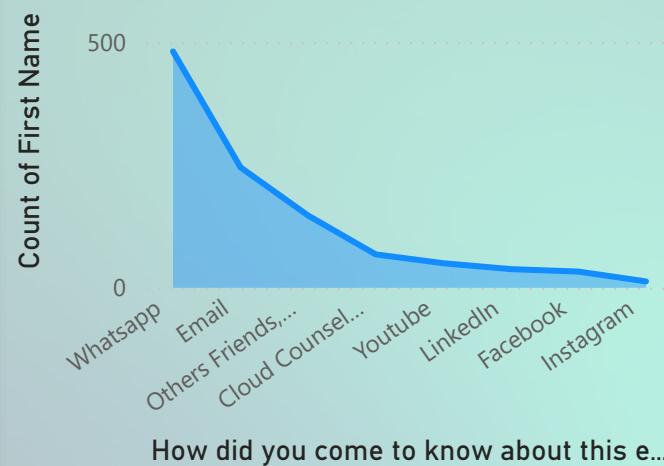
12. Do students in leadership positions during their college years tend to have higher GPAs or better expected salary?

Conclusion: Yes, students who held leadership positions during their college years tend to have higher CGPA and salary expectations.

Count of Students by Year of Graduation



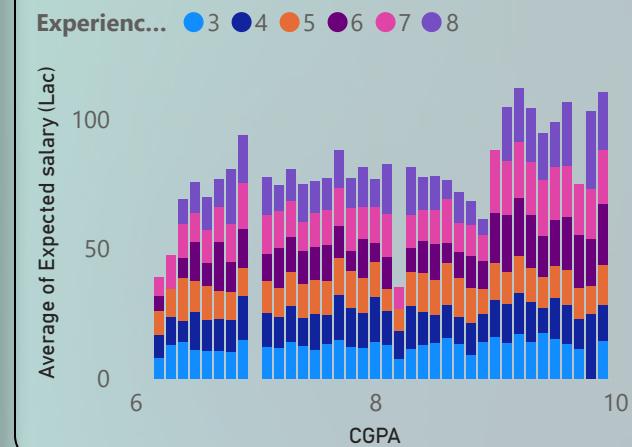
Count of Students by How did they know about this event?



No. of Students attended Data Science Event



Average of Expected salary (Lac) by CGPA and Experience with python (Months)



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

Conclusion: A total of 679 students are expected to graduate by the end of the year 2024.

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

Conclusion: The WhatsApp promotion channel significantly enhances student participation in events.

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

Conclusion: A total of 225 students attended the data science events.

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

Conclusion: Yes, students with higher CGPA and more language experience tend to have higher salary expectations.