# MOHAMED FARAAZMAN BIN FAROOQ S
## IAC Community Internship Project

**Q.No:01 Number of Unique Students in the Dataset**

**2157**

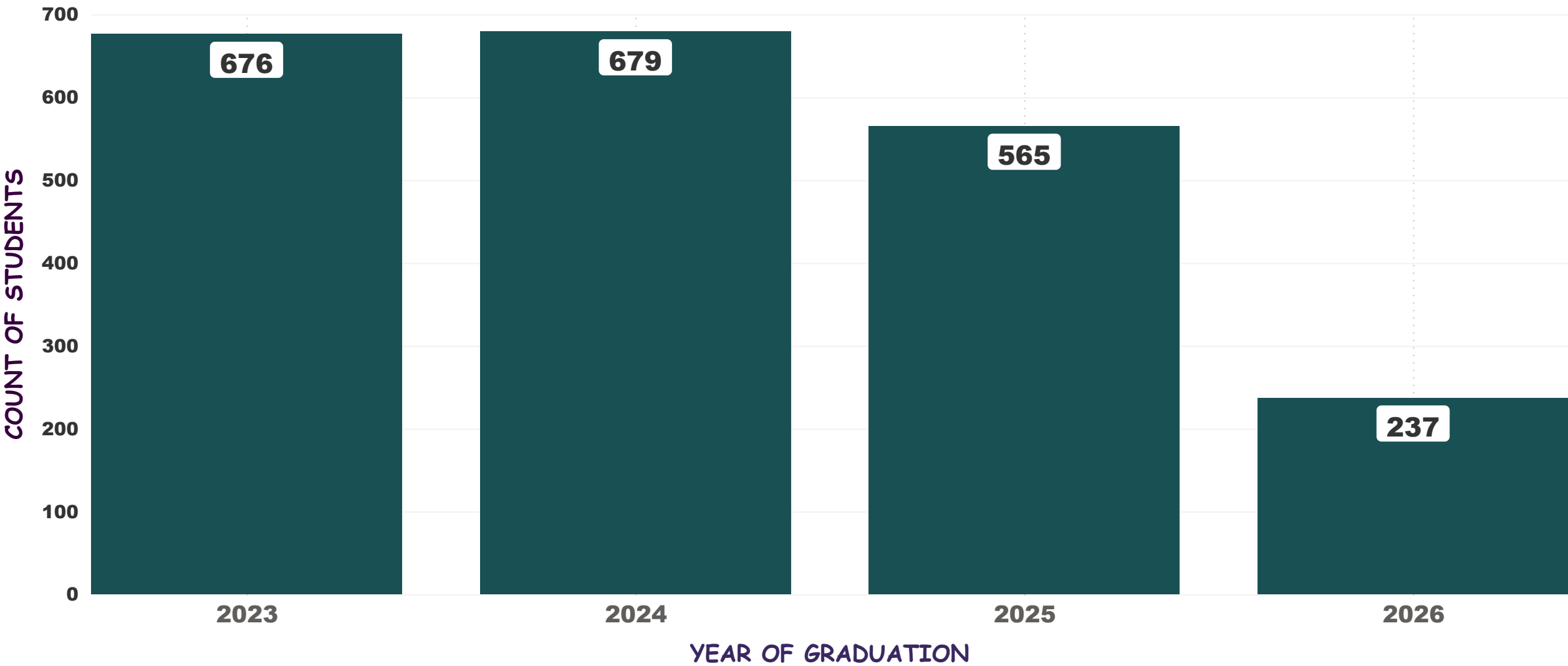**Q.No:02 Average GPA of the students**

**8.03**

**Conclusion Statements**

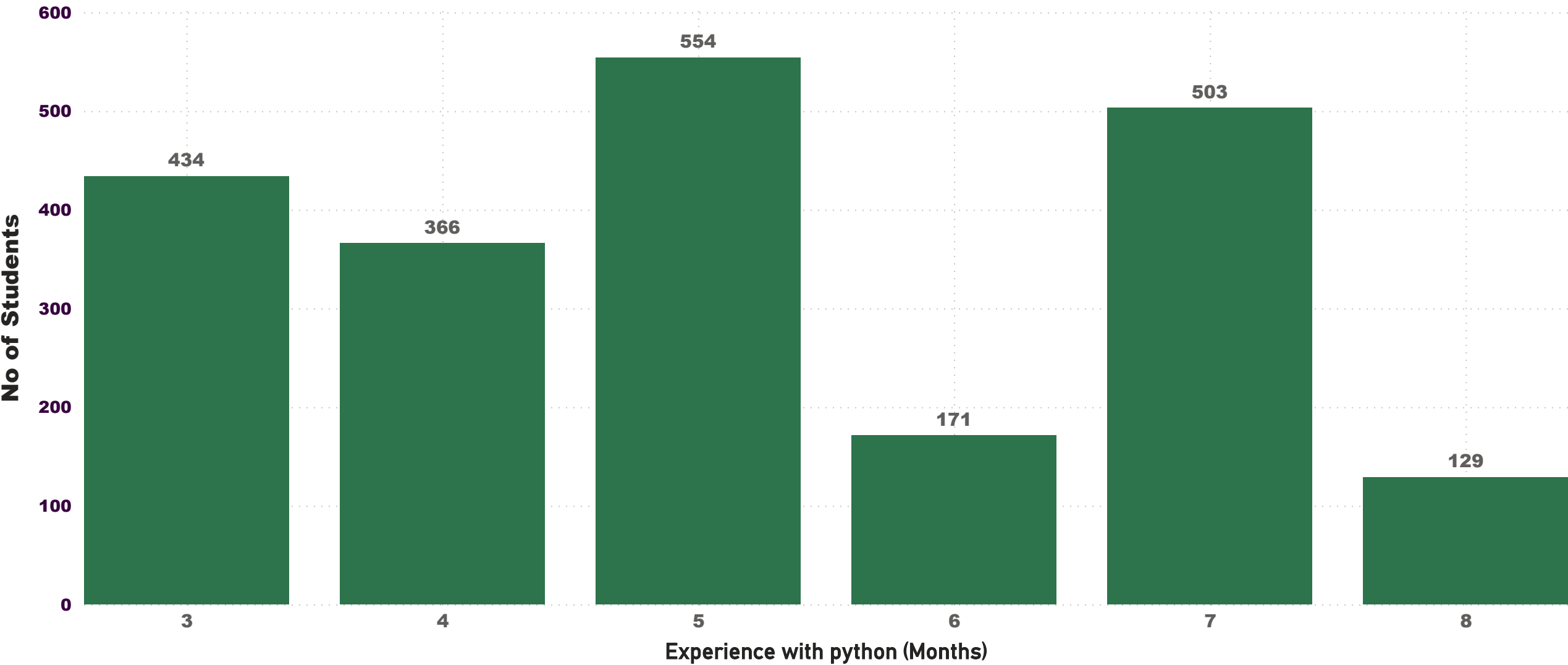Q.No.1 - In our dataset, we have identified a total of **2157** unique students.

Q.No.2 - The average GPA of the students in our dataset is **8.03**.

# Q.No.03 Distribution of student Across Different Graduation Years

**COUNT OF STUDENTS**

676

679

565

237

700

600

500

400

300

200

100

0

2023

2024

2025

2026

**YEAR OF GRADUATION**

Based on our analysis, we observe variations in the number of graduating students across different years.
In 2024, the highest number of students, 679, are expected to graduate, followed by 676 in 2023. In 2025, we anticipate 565 graduates, while in 2026, the number is lower, with 237 students expected to graduate.

# Distribution of Student's Experience with Python Programming



In our dataset, students exhibit diverse experience levels in Python programming, with the majority having 5 months of experience.

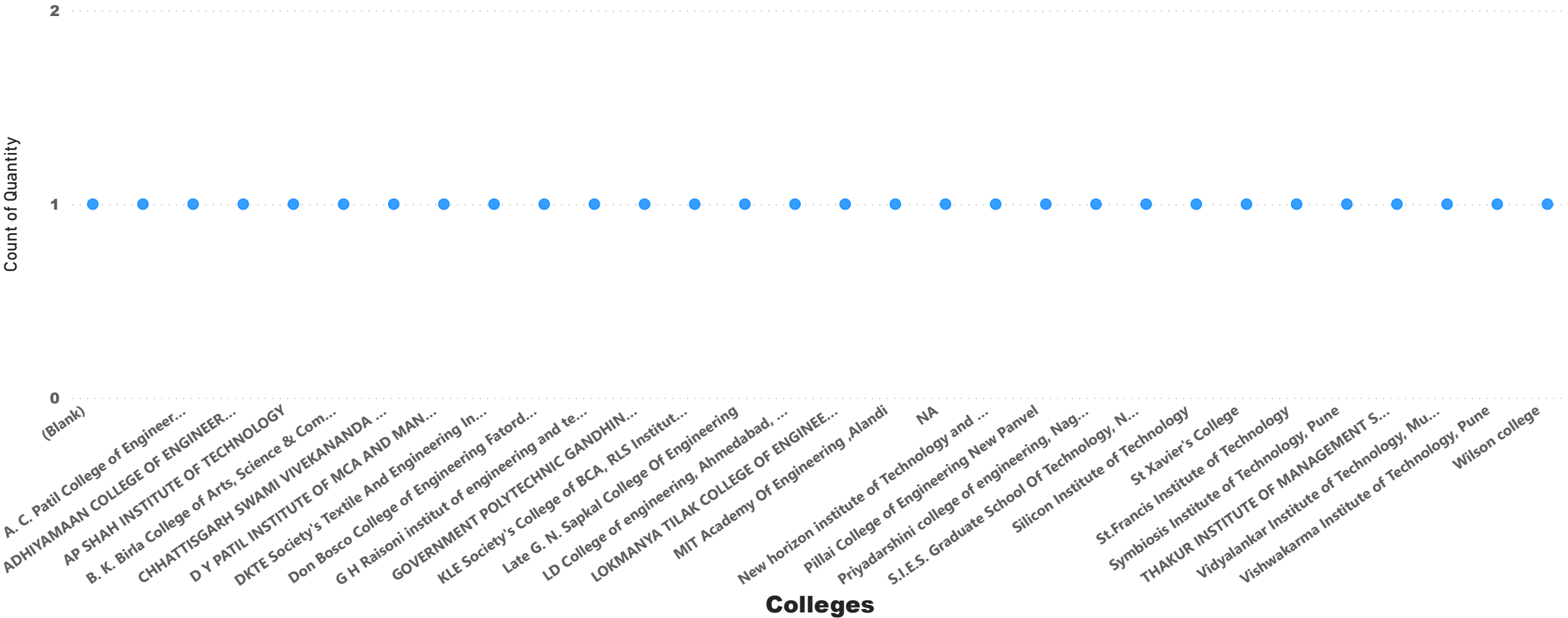## Q.No:05 Average Family Income of the student

**228511.82**

## Q.No.6 Variation of CGPA among different colleges (TOP 6 RESULTS)

| College Name | Average of CGPA |
|---|---|
| | 8.55 |
| New horizon institute of Technology and Management | 8.34 |
| St Xavier's College | 8.32 |
| B. K. Birla College of Arts, Science & Commerce (Autonomous), Kalyan | 8.21 |
| Don Bosco College of Engineering Fatorda Goa | 8.19 |
| Symbiosis Institute of Technology, Pune | 8.14 |

**Q.No.5 -** The average Family Income of the student is **228.51k.**

**Q.No.6 -** Our analysis indicates that "New Horizon Institute " stands out with the highest average CGPA among all colleges in our dataset.

# Are there any Outliers in the QUANTITY (NO OF COURSES COMPLETED ATTRIBUTE) WHEN ITS COMPARED WITH COLLEGES
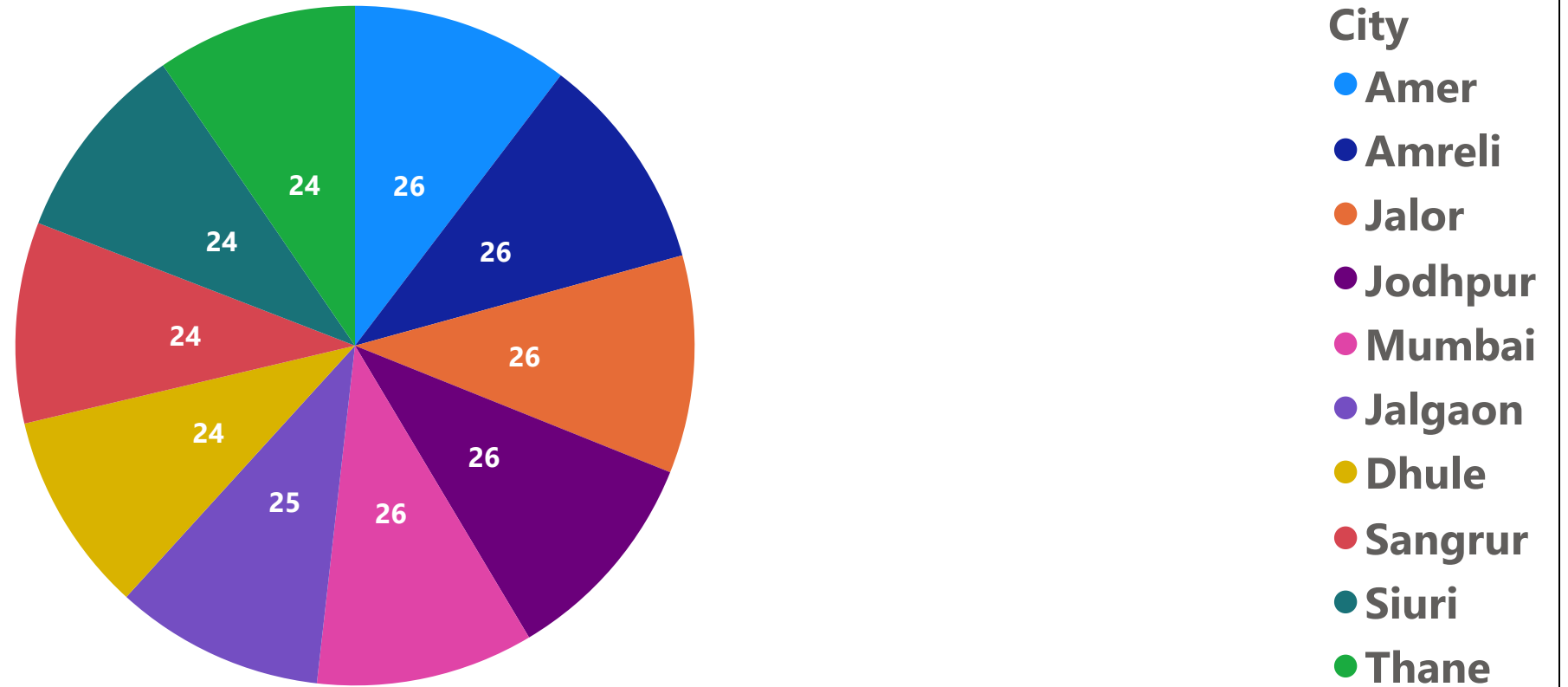


Count of Quantity

Colleges

Our analysis of the "number of courses completed" attribute reveals that there are no outliers present in this dataset.

## Q.No:08 Average CGPA for student from each city

| City | Average of CGPA ▼ |
|---|---|
| Delhi | 9.01 |
| Raipur | 8.98 |
| Sonipat | 8.71 |
| konark | 8.54 |
| Karnal | 8.53 |
| Panji | 8.53 |
| Kangra | 8.52 |
| Hisar | 8.49 |
| Burani | 8.49 |
| Godhra | 8.49 |
| Muzaffarpur | 8.48 |
| Buldhana | 8.48 |
| Baramula | 8.47 |
| Kolhapur | 8.46 |

Our analysis reveals that students from Delhi exhibit the highest CGPA, while students from Vasai have the lowest CGPA within our dataset. These findings provide valuable insights into the variations in academic performance among different cities, which may be influenced by various factors unique to each location.
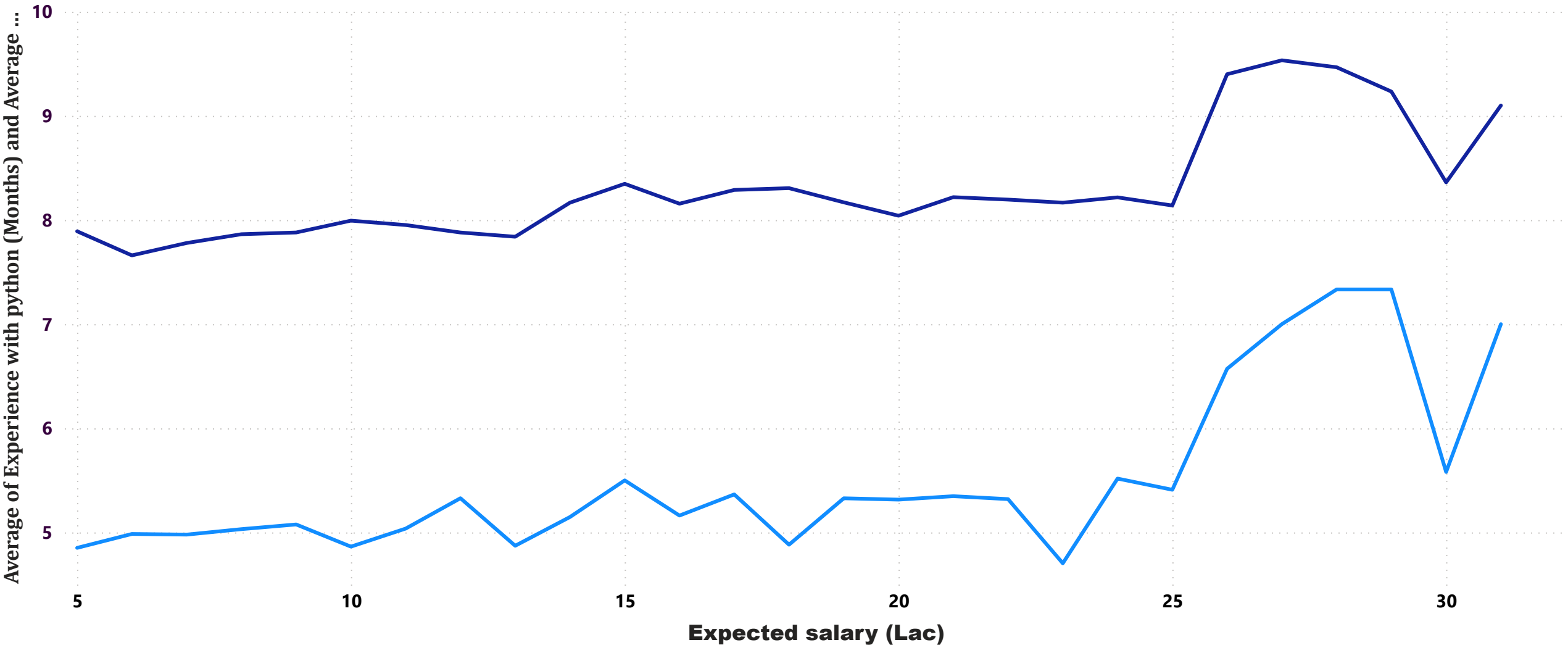
# Q.No.10 No of Students from Each City (Top 10)



**City**
- Amer
- Amreli
- Jalor
- Jodhpur
- Mumbai
- Jalgaon
- Dhule
- Sangrur
- Siuri
- Thane

**Our Analysis shows that among the different cities Amer, Amreli, Jalor, Jodhpur, and Mumbai, there is equal no of 26 students.**

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

● Average of Experience with python (Months)  ● Average of CGPA



**By Visualization we can say that higher the CGPA and Experience the Expected Salary is more**

# Variation of Average Family Income with Expected Salary



**In Conclusion we can say that there is gradual increase and decrease in both Average Family Income and Expected Salary (ZigZag Form)**

# INTERNSHIP PROGRAM EVENT ATTRACTED MORE STUDENTS

| Events | Count of Attendee Status ▼ |
|---|---:|
| Internship Program(IP) Success Conclave | 657 |
| Art of Resume Building | 336 |
| Hello ML and DL | 233 |
| Data Visualization using Power BI | 225 |
| Talk on Skill and Employability Enhancement | 194 |
| IAC - Q&A | 146 |
| Product Marketing | 112 |
| Skill and Employability Enhancement | 87 |
| The Agile Ways of Working | 73 |
| Artificial Intelligence | 62 |
| The SDLC & their transformations | 32 |
| **Total** | **2157** |

**Internship Program Success Conclave Event has attracted more no of students to attend**

# Average of CGPA by Expected salary (Lac) and Leadership- skills
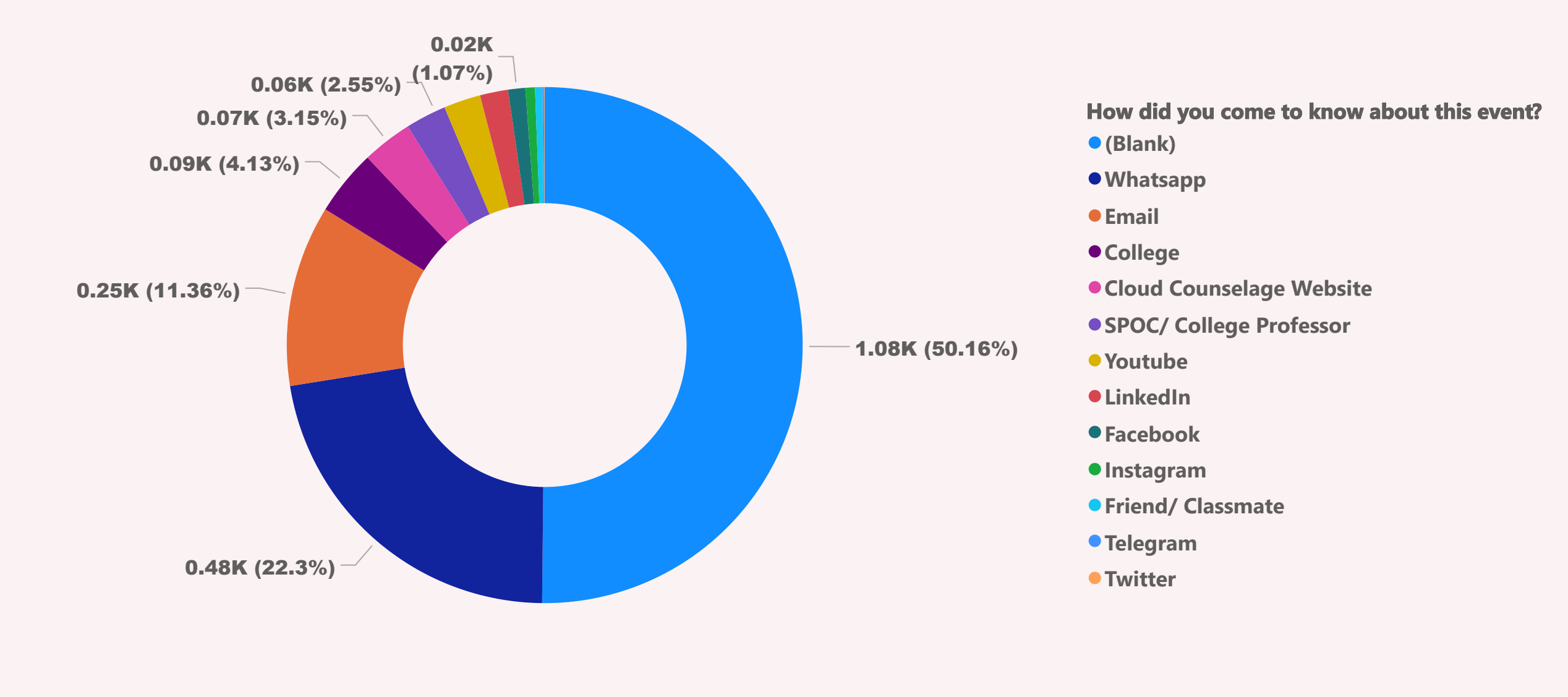
Leadership Skills ● no ● yes



**From Analysis we can say conclude that the students who were in leadership position and those who were not in leadership position have equal CGPA, expected salary**
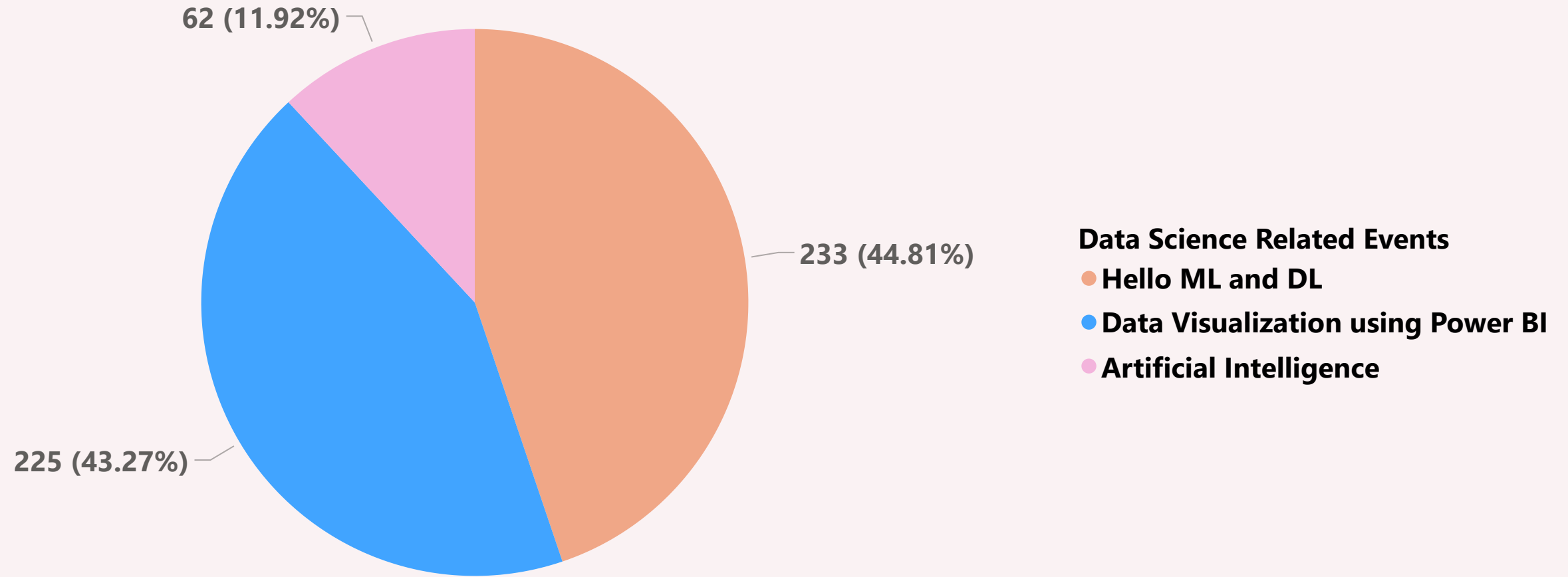
679

**Students Shows that more students graduate in the year 2024 is 679**

# Q.No.15 Which promotion channel brings more student participations for this events

**How did you come to know about this event?**
- (Blank)
- Whatsapp
- Email
- College
- Cloud Counselage Website
- SPOC/ College Professor
- Youtube
- LinkedIn
- Facebook
- Instagram
- Friend/ Classmate
- Telegram
- Twitter

0.02K (1.07%)
0.06K (2.55%)
0.07K (3.15%)
0.09K (4.13%)
0.25K (11.36%)
1.08K (50.16%)
0.48K (22.3%)

**WhatsApp brought more students when compare to other channel to participate in this event**

# Total no of student attended the events related to Data Science



**Number of Students who attended the events related to Data Science is 520**

**Those who have high CGPA, More Experience in python and Expectations of Salary**

| Count of Student Name | Average of CGPA | Experience with python (Months) | Average of Expected salary (Lac) |
|---|---|---|---|
| 503 | 8.03 | 7 | 15.16 |
| 171 | 8.01 | 6 | 14.42 |
| 129 | 7.92 | 8 | 14.16 |
| 366 | 7.99 | 4 | 13.52 |
| 434 | 8.03 | 3 | 13.16 |
| 554 | 8.09 | 5 | 12.80 |

**Students who have Average CGPA of 8.03 with 7 months Experience in python have more Expected Salary**

## STUDENTS KNOW ABOUT THE EVENT FROM THEIR COLLEGE (TOP 5)

| Count of Student Name | How did you come to know about this event? | College Name |
|---|---|---|
| 8 | College | Vishwakarma Institute of Technology, Pune |
| 8 | College | Wilson college |
| 7 | College | GOVERNMENT POLYTECHNIC GANDHINAGAR |
| 7 | College | Priyadarshini college of engineering, Nagpur |
| 6 | College | KLE Society's College of BCA, RLS Institute, Belagavi |
| | | |

**These are the top 5 colleges with number of students who came to know about this event from their college**