INTERNSHIP PROGRAM

2024

PROJECT REPORT

ON

STUDENT INTERN SUCCESS ANALYSIS

By

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PLEASE NOTE:- BQ refers to BASIC QUESTION
MQ refers to MODERATE QUESTION
and the Number In Brackets Represent
Parts.

To Excess The Bookmark link from the page(5-9) use
CTRL + the 'Tab' u want to choose.

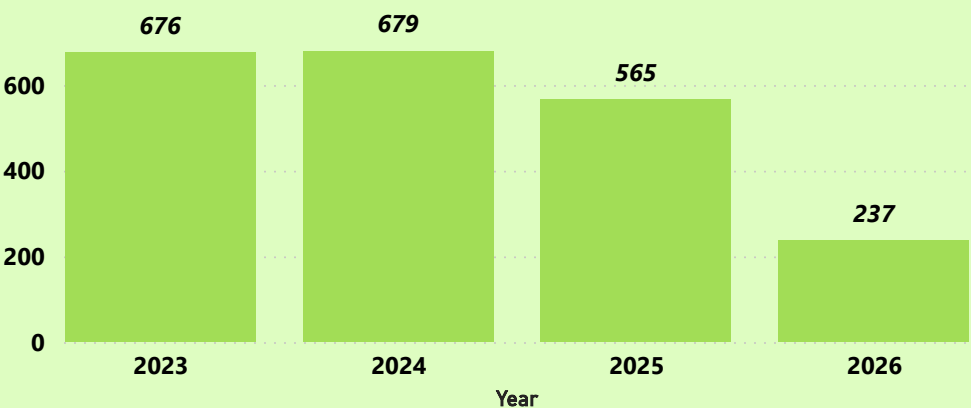# Student Intern Success Analysis

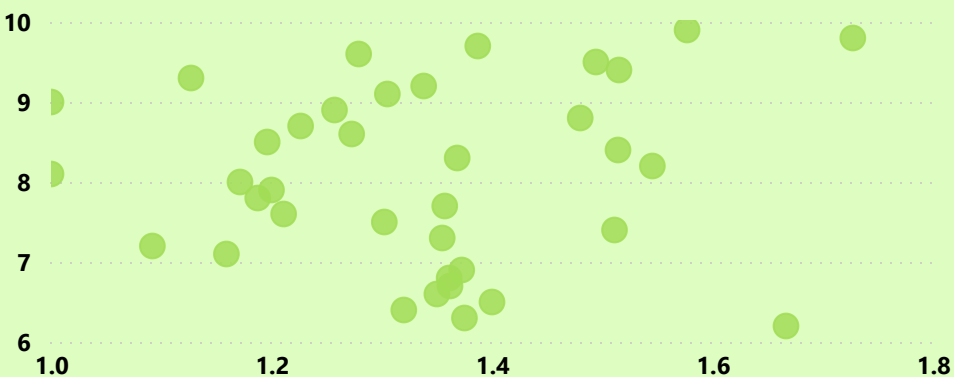## Number of Unique Student
2157

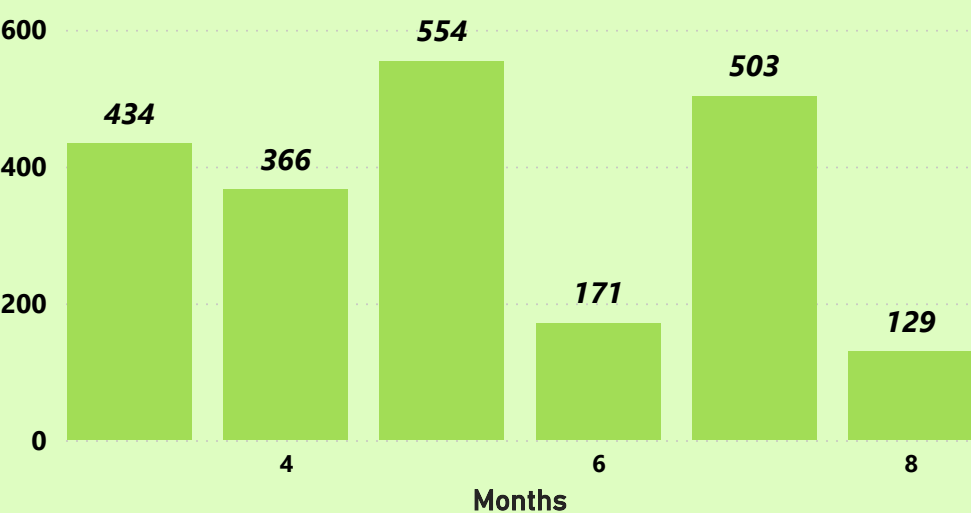## Average of CGPA
8.03

Average of Family Income(Lac)
1.30

Student Distribution Across Different Graduation Years

Year	Count
2023	676
2024	679
2025	565
2026	237

Relationship between Distinct CGPA and Average Family Income

Student's Python Experience Distribution

Months	Count
4	434
	366
	554
6	171
	503
8	129

Top 5 College With Highest CGPA

College Name	Average CGPA
New Horizon Institute Of Technolog...	8.34
St Xavier'S College	8.32
B. K. Birla College Of Arts, Science & Commer...	8.21
Don Bosco College Of Engineering Fatorda Goa	8.19
Symbiosis Institute Of Technology, Pune	8.14
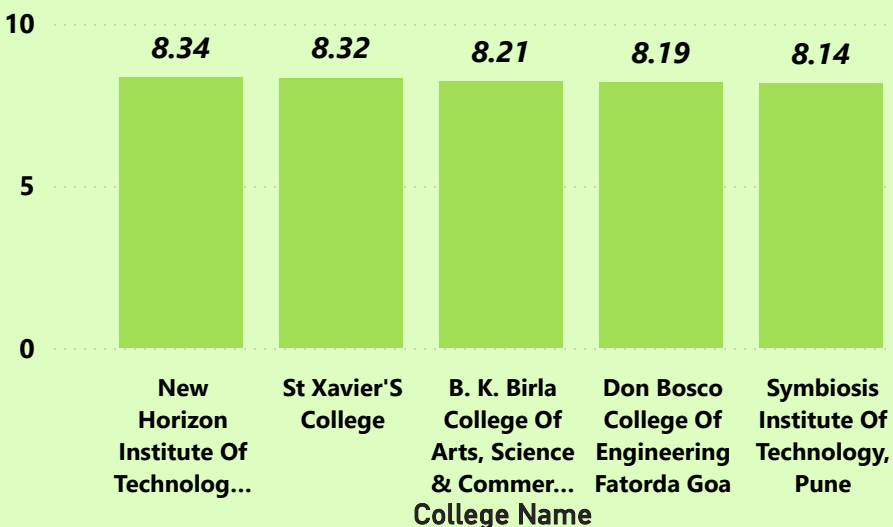
City	Average CGPA by_City
Agartala	8.01
Agra	7.88
Ahemdabad	8.07
Ajmer	8.24
Akola	7.91
Aligarh	7.52
Alipore	8.23
Almora	8.05
Ambala	7.88
Ambikapur	7.79
Amer	7.57
Amravati	8.00
Amreli	8.02
Amritsar	8.05
Anantnag	7.68
Aurangabad	8.35
Badmi	8.00
Baleshwar	7.97
Ballari	7.94
Baramula	8.47
Barmer	8.03
Belgavi	8.17
Bengaluru	8.15

Status

Attending	N/A

City ▲	Count of Email ID
Agartala	10
Agra	13
Ahemdabad	22
Ajmer	22
Akola	20
Aligarh	13
Alipore	14
Almora	12
Ambala	20
Ambikapur	7
Amer	26
Amravati	2
Amreli	26
Amritsar	20
Anantnag	5
Aurangabad	23
Badmi	6
Baleshwar	6
Ballari	7
Baramula	7
Total	**2157**

Top 5 Event Attraction by Field of Study

Event	Value
Internship Program(... Success Conclave	657
Art of Resume Building	336
Hello ML and DL	233
Data Visualizat... using Power BI	225
Talk on Skill and Employab... Enhance...	194
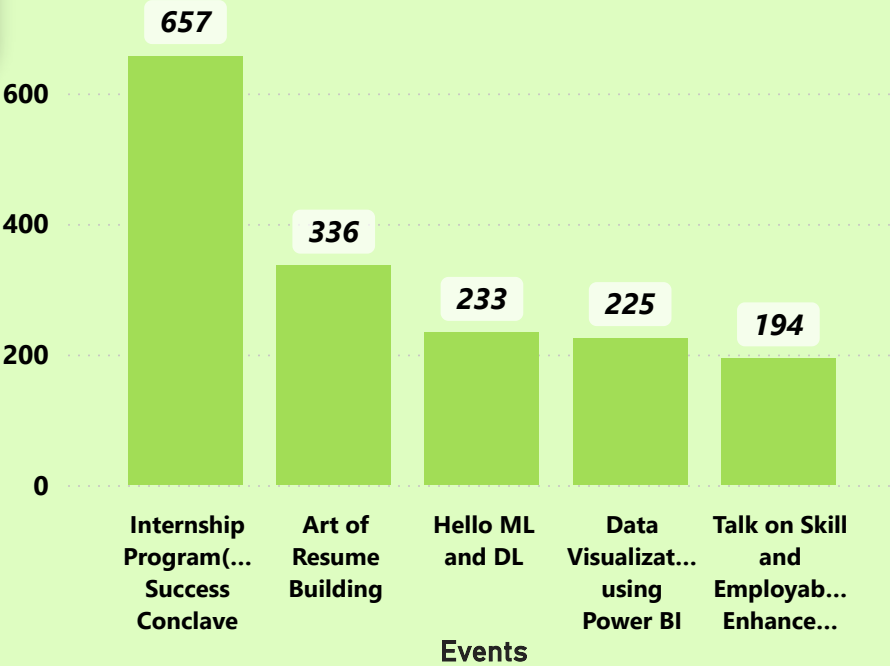
Events

Top 5 Promotion Channels Among Students

Channel	Value
Whatsapp	481
Email	245
Others	89
Cloud Counselag...	68
SPOC/ College P...	55
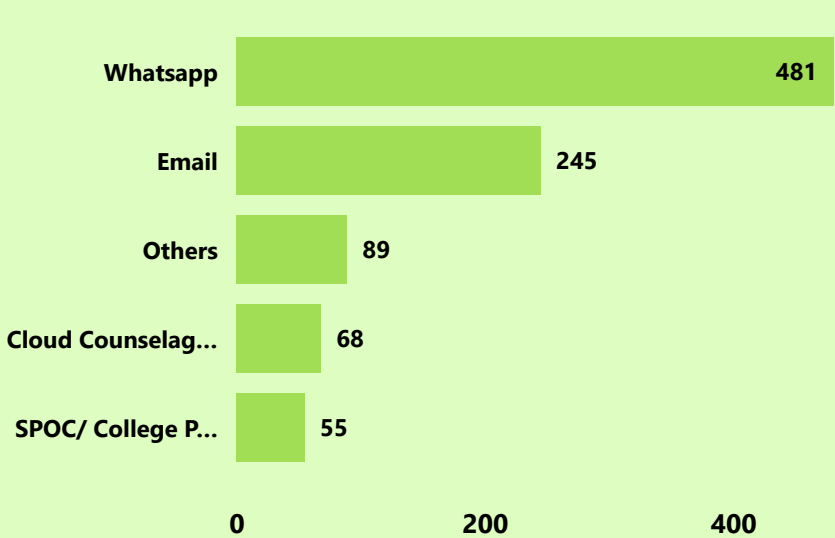
Expected Salary vs CGPA

CGPA
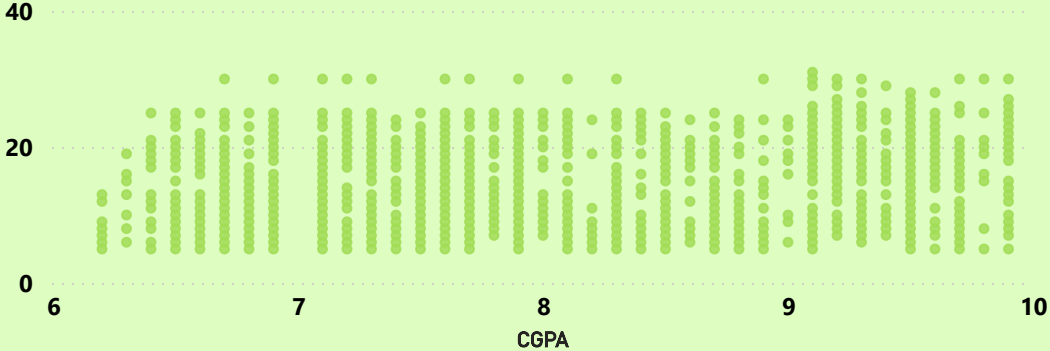
Expected Salary vs Family Income

Family Income(Lac)

Expected Salary vs Experience with Python
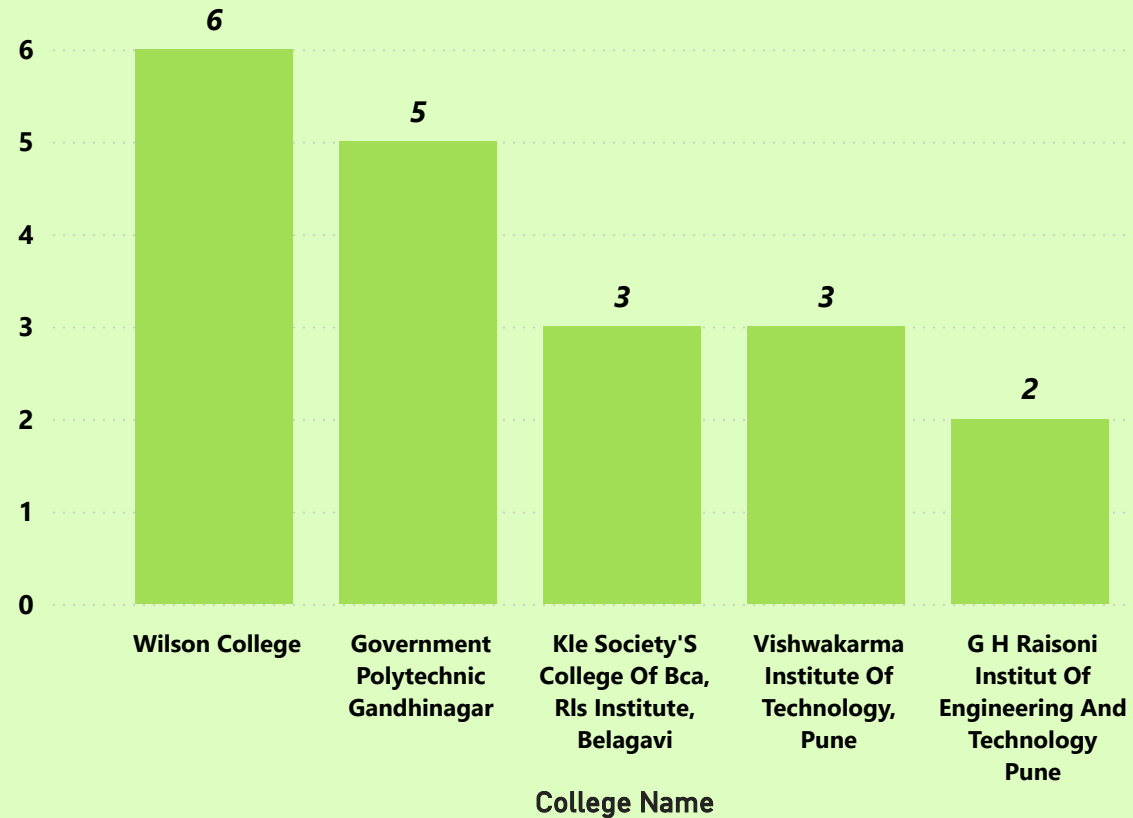
Experience with python (Months)
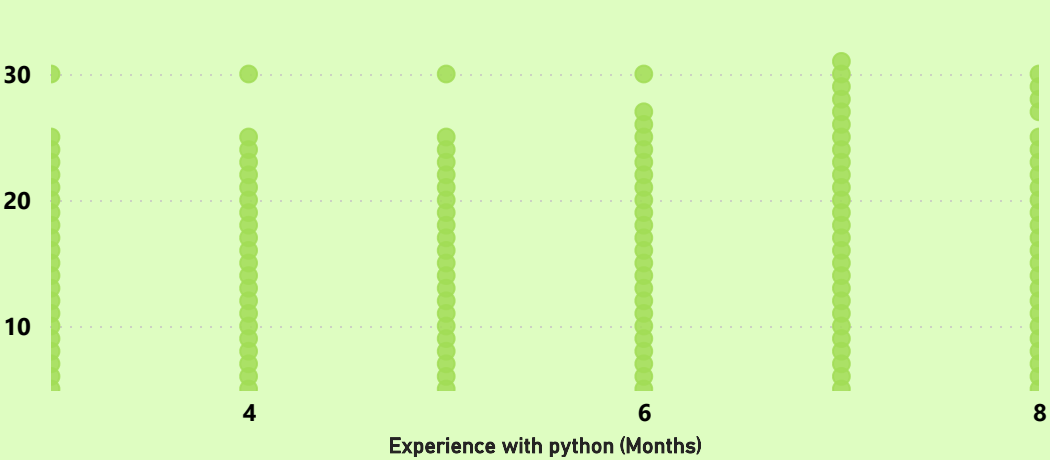
Students are Graduating By The end Of 2024

1355

Total Students Attending Data Science Events

520

Students Who Know About the Event from Top 5 Colleges

Bar chart showing students who know about the event: Wilson College (6), Government Polytechnic Gandhinagar (5), Kle Society'S College Of Bca, Rls Institute, Belagavi (3), Vishwakarma Institute Of Technology, Pune (3), G H Raisoni Institut Of Engineering And Technology Pune (2). X-axis: College Name.

Scatterplot for CGPA v/s Leadership Skills (color legend for expected salary)

Expected salary (Lac) 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Scatterplot of CGPA (y-axis, 7.5 to 9.5+) versus Leadership-skills (x-axis: NO, YES) colored by expected salary.
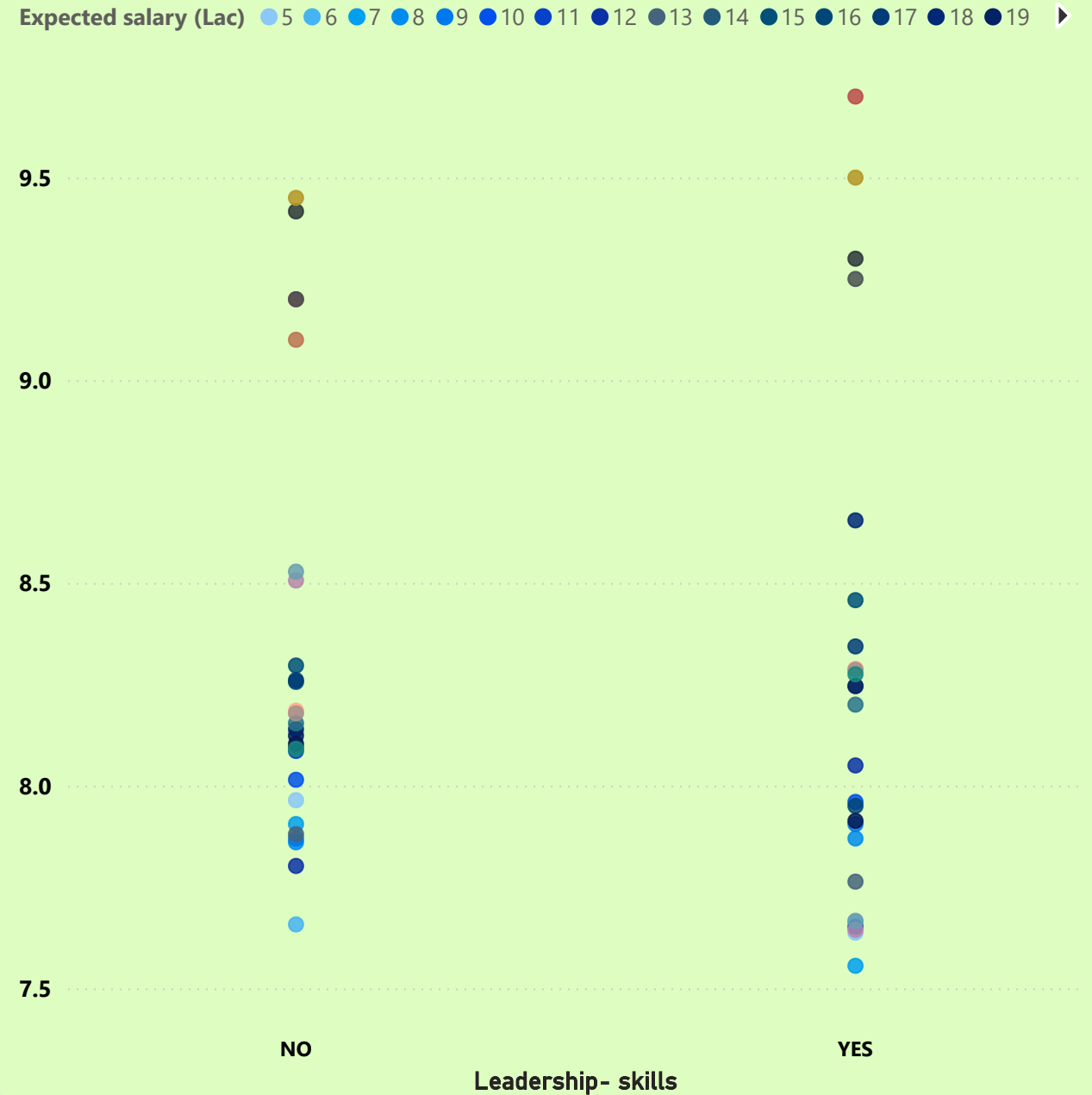
QUESTION VISUALISATION CONCLUSION

How many unique students are included in the dataset?

QUESTION VISUALISATION CONCLUSION

What is the average family income of the student?

QUESTION VISUALISATION CONCLUSION

What is the average GPA of the students?

QUESTION VISUALISATION CONCLUSION

What is the average GPA for students from each city?

QUESTION | **VISUALISATION** | **CONCLUSION**

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

QUESTION | **VISUALISATION** | **CONCLUSION**

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

QUESTION | **VISUALISATION** | **CONCLUSION**

What is the distribution of students across different graduation years?

QUESTION | **VISUALISATION** | **CONCLUSION**

Can we identify any relationship between family income and GPA?

QUESTION   **VISUALISATION**   **CONCLUSION**

How many students are graduating
by the end of 2024?

QUESTION   **VISUALISATION**   **CONCLUSION**

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

QUESTION   **VISUALISATION**   **CONCLUSION**

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

QUESTION   **VISUALISATION**   **CONCLUSION**

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

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

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

Do Students in Leadership Positions During Their College Years Tend to Have Higher CGPA or Better Expected salary?

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

Here are some actionable recommendations to improve internship programs and support student intern success

Tailored Programs: Design internship programs to align with students' academic backgrounds for increased relevance and engagement.

Technical Skills Training: Offer workshops on Python and other technical skills to address varying levels of expertise and prepare students for technical roles.

Income-Based Support: Provide financial aid or stipends to students from lower-income backgrounds to reduce financial stress.

Institution Partnerships: Collaborate with top-performing colleges to recruit talented students and offer better internship opportunities.

Effective Communication: Use popular channels like WhatsApp and email to promote internships and events.

Event Participation: Encourage attendance at skill-building events by offering incentives or integrating them into the internship program.

Leadership Workshops: Provide workshops on leadership skills to improve career prospects and satisfaction.

Regional Inclusivity: Address regional disparities to ensure equal opportunities for students from diverse backgrounds.

Feedback Mechanism: Implement a feedback system to continuously refine and improve internship programs.

Career Guidance: Offer mentorship and career guidance to assist students with resume building, interviews, and career planning.