

An In-Depth Analysis on Educational and Career Goals

Dataset



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Introduction

The dataset presents a comprehensive analysis of students' education and career choices, focusing on factors such as gender, skill alignment, confidence levels, future goals, and external influences. It includes responses from students of varying genders and ages, providing insights into how these factors affect their academic and career decision-making processes.

1. Demographics

The dataset includes a balance of male and female respondents, with the majority of participants being between the ages of 18 and 22. This age group represents early career decision-makers, which is crucial for understanding their aspirations and confidence levels.

2. Confidence Levels

Confidence in gaining employment and achieving career goals varies across respondents. Students who feel their skills are aligned with their degree show higher levels of confidence, particularly in securing jobs and achieving long-term goals. In contrast, students who report skill misalignment or partial alignment show lower confidence levels, indicating a potential gap in preparation for their chosen career paths.

3. Skill Alignment

The dataset reveals that most students feel their skills are either aligned or somewhat aligned with their degree. However, a significant portion of respondents reported a disconnect between their skills and their field of study, suggesting a need for more targeted skill-building initiatives to ensure better alignment with career goals.

4. Future Goals

Regarding future education and career plans, a notable difference in intentions between genders was observed. Female students were more likely to express plans for further education and to work in the same field as their degree, while male students showed more uncertainty in both areas. This highlights potential gender-based differences in career planning and educational aspirations.

5. Influences on Decision-Making

External factors, such as family recommendations and job market considerations, also play a significant role in students' choices. While many students report making independent decisions, some still cite external influences as important factors in choosing their degree and career path.

6. Key Correlations

The analysis found strong correlations between confidence levels and skill alignment. Students who believe their skills align with their degree were more confident about both securing employment and achieving career goals. Additionally, students who were more confident in their skills also showed a higher likelihood of pursuing further education.

Conclusion

Overall, the dataset emphasizes the importance of skill alignment and confidence in shaping students' educational and career choices. Gender-based differences were observed in educational aspirations and career path preferences, and external influences were found to play a role in shaping students' decisions. These insights can guide educational institutions in providing targeted career counseling, skill development programs, and personalized guidance to enhance students' career readiness and confidence.

What is your name?	What is your gender?	How old are you?	What influenced your choice of degree the most?	Did you choose this degree based on personal interest?	How much did job market demand impact your decision?	Was your degree choice influenced by recommendations from others?	Did you consider any alternative degree programs?	Do you feel your skills align with your current degree?
Daeen	Male		18 Career opportunities	Yes	very much	No	No	Yes
Muhammed Rinief	Male		20 Passion for the subject	Yes	somewhat	No	Yes	Yes
Suraiya Fathima	Female		17 Family or parental guidance	Yes	somewhat	Yes	No	Yes
LV Nandini	Female		21 Career opportunities	No	somewhat	Yes	Yes	Somewhat
Niharika	Female		18 Career opportunities	No	somewhat	Yes	No	No
AKASH V	Male		19 Career opportunities	No	somewhat	Yes	No	Somewhat
HARSHITH PATEL D V	Male		22 Career opportunities	Yes	very much	No	No	Yes
Vishak V	Male		19 Career opportunities	Yes	somewhat	No	No	Somewhat
Sainath Reddy	Male		19 Passion for the subject	Yes	very much	Yes	Yes	Yes
VidyaShree V	Female		18 Family or parental guidance	No	somewhat	Yes	Yes	Somewhat
Sharan	Male		18 Career opportunities	Yes	very much	No	No	Yes
Shilpa shree m	Female		17 Career opportunities	Yes	somewhat	No	No	Yes
Nishanth shetty	Male		19 Family or parental guidance	Yes	very much	Yes	No	Yes
Jeel Patel	Female		18 Career opportunities	Yes	somewhat	No	No	Somewhat
Karthik L	Male		18 Career opportunities	Yes	somewhat	No	Yes	Yes
R Varsha Jadav	Female		18 Family or parental guidance	Yes	somewhat	Yes	Yes	Somewhat
Dileep Kumar V V	Male		18 Career opportunities	No	somewhat	Yes	No	Somewhat
Ankur Sahu	Male		19 Family or parental guidance	Yes	somewhat	No	Yes	Yes
Sindhushree	Female		20 Career opportunities	Yes	somewhat	No	No	Yes
Pavan S	Male		18 Passion for the subject	Yes	somewhat	No	No	Yes
Sinchana	Female		19 Career opportunities	Yes	very much	Yes	Yes	No
Saad Bin Shafeeque	Male		19 Career opportunities	Yes	somewhat	No	Yes	No
Sanjana	Female		17 Family or parental guidance	No	somewhat	Yes	Yes	No
Shuayb Dawood	Male		17 Family or parental guidance	Yes	somewhat	No	Yes	Somewhat
Shaik Mohammed rehan	Male		18 Career opportunities	Yes	very much	No	Yes	Somewhat
Mohammed Usman	Male		18 Passion for the subject	Yes	somewhat	No	Yes	Yes
Syed Hassan Aiyaz	Male		19 Career opportunities	Yes	very much	Yes	No	Somewhat
Naina Dhawan	Female		18 Career opportunities	Yes	very much	Yes	Yes	Somewhat
Shamith s	Male		18 Career opportunities	Yes	somewhat	Yes	No	No
Ranveer Singh	Male		17 Passion for the subject	Yes	somewhat	No	No	No
Kratika Pant	Female		18 Career opportunities	Yes	somewhat	No	Yes	Somewhat
AKASH V	Male		19 Family or parental guidance	No	somewhat	Yes	No	Somewhat
Shaik Gulshan Begum	Female		19 Career opportunities	Yes	somewhat	Yes	No	Yes
Vidya Shree V	Female		18 Family or parental guidance	No	somewhat	Yes	Yes	Somewhat
Syed Shahid	Male		19 Family or parental guidance	No	somewhat	Yes	No	Somewhat
Maqsood Ali m shaikh	Male		18 Passion for the subject	Yes	very much	Yes	No	Yes
Amarnath v v	Male		19 Family or parental guidance	Yes	very much	Yes	No	Somewhat
Roopashree	Female		19 Availability of scholarships or financial aid	No	somewhat	No	Yes	Somewhat
Dhruv M	Male		18 Passion for the subject	Yes	very much	No	Yes	Yes
AKASH H	Male		19 Career opportunities	Yes	somewhat	Yes	No	Somewhat
Pema Dhendup	Male		19 Career opportunities	Yes	somewhat	No	Yes	Somewhat
Gladwin	Male		18 Passion for the subject	Yes	not at all	Yes	No	Somewhat
Ali Fathima	Female		19 Passion for the subject	Yes	very much	No	No	Somewhat
Edwin Biju	Male		18 Career opportunities	Yes	very much	No	Yes	Somewhat
Apoorva S	Female		18 Career opportunities	No	very much	Yes	Yes	Somewhat
Pranmya R	Female		18 Career opportunities	Yes	somewhat	Yes	Yes	Somewhat
Anushree Kulkarni	Female		18 Career opportunities	Yes	very much	No	No	Somewhat
Mohammed Rayan	Male		19 Passion for the subject	Yes	not at all	No	Yes	Yes
Getsy	Female		18 Family or parental guidance	Yes	somewhat	Yes	Yes	No
Syed al hussain	Male		19 Family or parental guidance	Yes	very much	Yes	Yes	Yes
B.Noor Hifza	Female		18 Career opportunities	Yes	very much	No	No	Yes
Pratham chowdhury	Male		17 Passion for the subject	Yes	somewhat	No	Yes	Yes
Ashwin S	Male		18 Career opportunities	Yes	not at all	No	No	Somewhat
Chinmay Aravind Naik	Male		18 Passion for the subject	Yes	very much	No	Yes	Yes
Aditya	Male		18 Passion for the subject	No	very much	No	Yes	Somewhat
Pinky R K	Female		18 Passion for the subject	Yes	not at all	No	Yes	Yes

Are you actively developing skills outside of your curriculum (e.g., internships, online courses)?	Do you participate in extracurricular activities related to your field?	How confident are you in gaining employment in your field after graduation?	What is your preferred career path after graduation?	Do you plan to work in the same field as your degree?	Where would you prefer to work after graduation?	Do you intend to pursue further education?	Who has been the biggest influence on your career goals?	How important is work-life balance in your career choice?	Do you believe your degree will prepare you for your chosen career?	How confident are you about achieving your career goals?
Yes	Occasionally	4	Employment in my f	Maybe	Abroad	Yes	By own choice	3	Yes	4
No	Occasionally	4	Uncertain	Maybe	No preference	Maybe	By own choice	5	Yes	4
Yes	Occasionally	5	Employment in my f	Yes	No preference	Maybe	Family	5	Yes	5
Yes	Occasionally	3	Further education	Yes	Abroad	Yes	Family	5	Somewhat	4
No	Occasionally	4	Entrepreneurship/st	Yes	Home country	Yes	Family	3	Yes	5
No	Not at all	4	Entrepreneurship/st	No	Home country	Maybe	By own choice	5	No	3
Yes	Occasionally	5	Employment in my f	Yes	Abroad	No	By own choice	5	No	5
No	Not at all	5	Entrepreneurship/st	Maybe	No preference	Yes	By own choice	3	Yes	5
Yes	Occasionally	5	Uncertain	Maybe	No preference	Yes	By own choice	5	Somewhat	4
No	Occasionally	2	Further education	Maybe	No preference	Yes	Family	4	Somewhat	4
No	Yes, regularly	4	Entrepreneurship/st	No	Home country	No	Family	4	Somewhat	5
Yes	Occasionally	5	Employment in my f	Yes	Home country	Maybe	By own choice	5	Yes	5
No	Yes, regularly	5	Employment in my f	Yes	No preference	Maybe	Family	5	Yes	5
Yes	Not at all	2	Employment in my f	Maybe	No preference	Maybe	Family	3	Somewhat	3
Yes	Occasionally	3	Entrepreneurship/st	Maybe	No preference	Maybe	Family	1	Somewhat	5
No	Not at all	3	Further education	Maybe	Abroad	Yes	By own choice	4	Yes	3
No	Yes, regularly	4	Further education	Maybe	No preference	Yes	Family	5	Somewhat	5
Yes	Occasionally	5	Further education	No	Abroad	Yes	Family	5	Yes	5
No	Occasionally	4	Further education	Maybe	No preference	Yes	By own choice	5	Yes	5
Yes	Occasionally	4	Further education	Yes	Abroad	Yes	By own choice	4	Somewhat	5
Yes	Occasionally	2	Employment in my f	Yes	Abroad	Yes	By own choice	5	Somewhat	3
No	Occasionally	5	Entrepreneurship/st	Maybe	No preference	Yes	By own choice	3	Yes	5
No	Not at all	3	Employment in my f	Yes	Abroad	Yes	Family	3	Somewhat	4
No	Occasionally	4	Entrepreneurship/st	Maybe	Abroad	Maybe	Family	4	Yes	5
Yes	Occasionally	5	Further education	No	Abroad	Yes	Family	4	Yes	5
No	Occasionally	4	Further education	Maybe	Home country	Yes	Family	5	Yes	5
No	Occasionally	3	Further education	Yes	Abroad	Yes	Family	3	Somewhat	5
Yes	Occasionally	4	Further education	Yes	No preference	Yes	Family	4	Yes	5
No	Not at all	3	Entrepreneurship/st	No	Abroad	Maybe	By own choice	3	Somewhat	4
No	Not at all	1	Entrepreneurship/st	Maybe	No preference	Maybe	By own choice	1	No	5
No	Occasionally	3	Further education	Yes	No preference	Yes	Friends/peers	4	Somewhat	4
No	Not at all	4	Entrepreneurship/st	Maybe	Home country	Maybe	By own choice	5	Somewhat	3
Yes	Not at all	5	Employment in my f	Yes	No preference	Maybe	Family	5	Yes	5
No	Occasionally	3	Further education	Yes	Home country	Yes	Family	3	Somewhat	3
Yes	Occasionally	4	Entrepreneurship/st	No	Home country	Maybe	Family	3	Yes	4
Yes	Yes, regularly	5	Further education	Yes	Abroad	Yes	Family	5	Yes	5
No	Occasionally	3	Further education	Yes	Home country	No	By own choice	3	Yes	3
No	Not at all	4	Uncertain	Maybe	No preference	Maybe	By own choice	3	Somewhat	3
No	Occasionally	4	Further education	No	Home country	Yes	By own choice	5	Yes	5
No	Occasionally	4	Employment in my f	Maybe	Home country	Maybe	By own choice	4	Somewhat	4
No	Occasionally	4	Employment in my f	Maybe	Home country	Maybe	Family	3	Yes	3
Yes	Not at all	3	Further education	Yes	Abroad	Yes	By own choice	3	Yes	4
Yes	Not at all	3	Employment in my f	Yes	Home country	Maybe	By own choice	3	Somewhat	3
Yes	Occasionally	4	Further education	Yes	No preference	Maybe	Family	5	Yes	5
Yes	Occasionally	3	Further education	Maybe	Abroad	Yes	Family	5	Somewhat	3
No	Not at all	2	Further education	Maybe	Home country	Yes	Family	4	Yes	4
No	Not at all	3	Employment in my f	Maybe	No preference	Yes	By own choice	4	Yes	4
Yes	Yes, regularly	5	Entrepreneurship/st	No	No preference	No	By own choice	5	No	5
No	Not at all	5	Employment in my f	Yes	Home country	Maybe	Family	5	Yes	5
Yes	Yes, regularly	5	Employment in my f	Yes	Home country	Yes	Family	5	Yes	5
No	Occasionally	4	Further education	Yes	Abroad	Yes	Family	4	Yes	5
Yes	Yes, regularly	4	Uncertain	Yes	No preference	Maybe	Family	4	Yes	3
No	Occasionally	3	Further education	Maybe	No preference	Maybe	Family	4	Somewhat	4
Yes	Occasionally	5	Further education	Yes	Abroad	Yes	By own choice	1	Yes	5
Yes	Occasionally	3	Further education	Yes	No preference	Yes	By own choice	3	Somewhat	3
No	Not at all	3	Employment in my f	Yes	Home country	Maybe	Family	5	Somewhat	3