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ASSIGNMENT : ASSOCIATE FOR DATA ANALYST

Guesstimate - Total number of internships that get offered in a year in India?

I have recently graduated from my Master's degree in Computer Science and am looking for an Internship and I am solving here one question of guesstimate that is : What is the total number of internships that get offered in a year in India?

Assumptions :

- 1) Total population of India is 144 Crore.
- 2) Total Undergraduate student passed in a year in India = 86% (approximately)
- 3) Total Postgraduate student passed in a year in India = 12% (approximately)
- 4) Diploma/Certificate student passed = 2% (approximately)

Table 1 : Course Distribution of Percentage/Numbers wise

Course	Percentage %	Number in Crore
UG	86 % (86%*144)	Approx 123 Crore
PG	12 % (12%*144)	Approx 17 Crore
DIPLOMA/CERTIFICATE	2 % (2%*144)	Approx 3 Crore

Now, In this year, we can estimate into category wise :

- Undergraduate have divided into three categories :

- 1) Those who will prepare for Government exams and business - 55 %
- 2) Those who had done an Internship and placed for a job - 25 %
- 3) Those who doesn't get placement and now apply for an Internships - 20 %

- **Postgraduate have divided into three categories :**

- 1) Those who applied for Phd - 25 %
- 2) Those who had been placed for a job - 40 %
- 3) Those who applied for an Internship - 35 %

- **Diploma/Certificate divided two categories :**

- 1) Has been Placed for a job - 60 %
- 2) Applied for an Internship - 40 %

Table 2 : Course Distribution in Numbers

COURSES	Applied for Government exams / Business	Got Placement for a job	Applied For an Internship	Applied for Phd
UG	$(55\% \times 123) = 68$ Crore approx.	$(25\% \times 123) = 31$ Crore appx.	$(20\% \times 123) = 25$ Crore approx.	-
PG	-	$(40\% \times 17) = 49$ Crore approx.	$(35\% \times 17) = 43$ Crore approx.	$(25\% \times 17) = 31$ Crore approx.
DIPLOMA/CERTIFICATE	-	$(60\% \times 3) = 74$ Crore approx.	$(40\% \times 3) = 49$ Crore approx.	-

Now, Estimate for an get offered Internship in a year in India:

- **UNDERGRADUATE : 25 Crore (20 %) Applied for an Internship in a Year in India in which only -**

- 1) Shortlisted : 40 %
- 2) Not Shortlisted - 60 %

- **POSTGRADUATE : 43 Crore (35 %) Applied for an Internship in a Year in India in which only -**

- 1) Shortlisted : 70 %
- 2) Not Shortlisted - 30 %

- **DIPLOMA/CERTIFICATE : 49 Crore (40 %) Applied for an Internship in a Year in India in which only -**

- 1) Shortlisted : 75 %
- 2) Not Shortlisted - 25 %

Table 3 : Distribution for applied an Internship

COURSES	UG	PG	DIPLOMA/CERTIFICATE
Shortlisted	40%*25 = 10 Crore	70%*43 = 17 Crore approx.	75%*49 = 19 Crore approx.
Not Shortlisted	60%*25 = 15 Crore	30%*43 = 7 Crore approx.	25%*49 = 6 Crore approx.

Final Conclusions we have seen only from shortlisted numbers, how much get offered for a Internship :

- **UG : 10 Crore** has been shortlisted for an Internship due to profile matching , After scheduled an Interview Process only few of them -

GET OFFERED : 40 %

- **PG : 17 Crore** has been shortlisted for an Internship due to profile matching , After scheduled an Interview Process only few of them -

GET OFFERED : 60 %

- **DIPLOMA/CERTIFICATE : 19 Crore** has been shortlisted for an Internship due to profile matching , After scheduled an Interview Process only few of them -

GET OFFERED : 70 %

Table 4 : Distribution % by numbers get offered an Internship

COURSES	GET OFFERED % MULTIPLICATION	GET OFFERED IN NUMBERS
UG	40 % * 10 Crore	4 Crore
PG	60 % * 17 Crore	10 Crore
DIPLOMA/CERTIFICATE	70 % * 19 Crore	13 Crore

Final CONCLUSION is that :

Total Number of an Internship get offered in a year in India is

***Undergraduate, Postgraduate and Diploma/Certificate
Courses:***

4 Crore + 10 Crore + 13 Crore respectively = 27 Crore (2.7 M)

