**SQL query for each business question**

CREATE DATABASE genz;

USE genz; -- Table name : Career\_Aspirations\_data

**----------------------------------------------------------------------------------------------------------**

1. What is the gender distribution of respondents from India?

SELECT Gender, COUNT(\*) AS Total

FROM Career\_Aspirations\_data

WHERE Country = 'India'

GROUP BY Gender;

**-------------------------------------------------------------------------------------------------------------**

2. What percentage of respondents from India are interested in education abroad and sponsorship?

SELECT

(SUM(CASE WHEN Higher\_Education\_Aspiration = 'Yes' OR Higher\_Education\_Aspiration = 'Needs a sponsor'

THEN 1 ELSE 0

END) \* 100.0 / COUNT(\*)) AS Percentage\_Interested

FROM Career\_Aspirations\_data

WHERE Country = 'India';

**----------------------------------------------------------------------------------------------------------**

3. What are the 6 top influences on career aspirations for respondents in India?

SELECT Top 6 Career\_Influencers, COUNT(\*) AS Total

FROM Career\_Aspirations\_data

WHERE Country = 'India'

GROUP BY Career\_Influencers

ORDER BY Total DESC;

**----------------------------------------------------------------------------------------------------------**

4. How do career aspiration influences vary by gender in India?

SELECT Career\_Influencers, Gender, COUNT(\*) AS Influence\_count

FROM Career\_Aspirations\_data

WHERE Country = 'India'

GROUP BY Career\_Influencers, Gender

ORDER BY Gender, Influence\_count;

**-----------------------------------------------------------------------------------------------------**

5. What percentage of respondents are willing to work for a company for at least 3 years?

SELECT

ROUND(SUM(CASE WHEN \_3\_year\_tenurity = 'Yes' THEN 1

ELSE 0

END) \* 100.0 / COUNT(\*), 2) AS Percentage\_willing

FROM Career\_Aspirations\_data

WHERE Country = 'India';

**------------------------------------------------------------------------------------------------------**

6. How many respondents prefer to work for socially impactful companies?

SELECT COUNT(\*) AS Social\_Impact\_Preference\_Count

FROM Career\_Aspirations\_data

WHERE Work\_for\_Non\_Socially\_Impactful\_Company IN (1, 2, 3) AND Country = 'India';

**----------------------------------------------------------------------------------------------------------**

7. How does the preference for socially impactful companies vary by gender?

SELECT Gender, COUNT(\*) AS Social\_Impact\_Preference\_Count

FROM Career\_Aspirations\_data

WHERE Work\_for\_Non\_Socially\_Impactful\_Company IN (1, 2, 3) AND Country = 'India'

GROUP BY Gender;

**---------------------------------------------------------------------------------------------------------**

8. What is the distribution of minimum expected salary in the first three years among respondents?

SELECT Minimum\_Salary\_Expectation\_First\_3\_Years, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India'

GROUP BY Minimum\_Salary\_Expectation\_First\_3\_Years

ORDER BY Respondent\_Count DESC;

**--------------------------------------------------------------------------------------------------------**

9. What is the expected minimum monthly salary in hand?

SELECT Starting\_Salary\_Expectation\_Monthly, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Starting\_Salary\_Expectation\_Monthly != 'N/A'

GROUP BY Starting\_Salary\_Expectation\_Monthly

ORDER BY Respondent\_Count DESC;

**--------------------------------------------------------------------------------------------------------------**

10. What percentage of respondents prefer remote working?

SELECT

(SUM

(CASE WHEN Work\_for\_company\_with\_NO\_REMOTE\_working\_policy = 0 THEN 1

ELSE 0 END) \* 100.0 / COUNT(\*)) AS Percentage\_Remote\_Working

FROM Career\_Aspirations\_data

WHERE Country = 'India';

**-------------------------------------------------------------------------------------------------------**

11. What is the preferred number of daily work hours?

SELECT top 1 Daily\_Work\_Hours\_Willingness, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Daily\_Work\_Hours\_Willingness != '0'

GROUP BY Daily\_Work\_Hours\_Willingness

ORDER BY Respondent\_Count DESC;

**-------------------------------------------------------------------------------------------------------**

12. What are the common work frustrations among respondents?

SELECT Work\_Frustrations, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Work\_Frustrations != 'N/A'

GROUP BY Work\_Frustrations

ORDER BY Respondent\_Count DESC;

**---------------------------------------------------------------------------------------------------------------**

13. How does the need for work-life balance interventions vary by gender?

SELECT Gender, Weekly\_Break\_Frequency, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Weekly\_Break\_Frequency != 'N/A'

GROUP BY Gender, Weekly\_Break\_Frequency

ORDER BY Gender, Respondent\_Count DESC;

**------------------------------------------------------------------------------------------------------------**

14. How many respondents are willing to work under an abusive manager?

SELECT COUNT(\*) AS Work\_Under\_Abusive\_Manager

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Work\_for\_Abusive\_Manager = 'Yes'

GROUP BY Work\_for\_Abusive\_Manager;

**------------------------------------------------------------------------------------------------------------**

15. What is the distribution of minimum expected salary after five years?

SELECT Minimum\_Salary\_Expectation\_After\_5\_Years, COUNT(\*) AS Respondent\_Counts

FROM Career\_Aspirations\_data

GROUP BY Minimum\_Salary\_Expectation\_After\_5\_Years

ORDER BY Respondent\_Counts DESC;

**------------------------------------------------------------------------------------------------------------**

16. What are the remote working preferences by gender?

SELECT Gender, Preferred\_Work\_Environment, COUNT(\*) AS Preference\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India'

GROUP BY Gender, Preferred\_Work\_Environment

ORDER BY Gender, Preference\_Count DESC;

**------------------------------------------------------------------------------------------------------------**

17. What are the top work frustrations for each gender?

SELECT Gender, Work\_Frustrations, COUNT(\*) AS Frustration\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'India' AND Work\_Frustrations != 'N/A'

GROUP BY Gender, Work\_Frustrations

ORDER BY Gender, Frustration\_Count DESC;

**------------------------------------------------------------------------------------------------------------**

18. What factors boost work happiness and productivity for respondents?

SELECT Boosting\_Productivity\_Happiness, COUNT(\*) AS Respondent\_Count

FROM Career\_Aspirations\_data

WHERE Country = 'INDIA' AND Boosting\_Productivity\_Happiness != 'N/A'

GROUP BY Boosting\_Productivity\_Happiness

ORDER BY Respondent\_Count DESC

**------------------------------------------------------------------------------------------------------------**

19. What percentage of respondents need sponsorship for education abroad?

SELECT

ROUND(SUM(CASE WHEN Higher\_Education\_Aspiration = 'Needs a sponsor' THEN 1

ELSE 0 END) \* 100.0 / COUNT(\*), 2) AS Percentage\_of\_need\_sponsorship

FROM Career\_Aspirations\_data

WHERE Country = 'INDIA';

**------------------------------------------------------------------------------------------------------------**

Submitted By:

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