Sql Answers

1. **What is Gender distribution of respondents from India?**

**select**

**case**

**when Gender = 'M' then 'Male'**

**when Gender = 'F' then 'Female'**

**when Gender = 'Other' then 'Other'**

**end as gender\_label,**

**count(gender) as gender\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where Country = 'India'**

**group by gender;**

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

1. **What Percentage of respondents from India are interested in education abroad and sponsorship?**

**with TotalCount as (**

**select count(HigherEducationAspirations) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where Country='India'),**

**InterestedCount as(**

**Select**

**case**

**when HigherEducationAspirations = 'Yes' then 'Interested'**

**when HigherEducationAspirations = 'No' then 'No'**

**when HigherEducationAspirations = 'Needs Sponsor' then 'Interested\_needsSponsor'**

**end as Interested\_in\_Higher\_Education,**

**count(HigherEducationAspirations) as count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where Country = 'India'**

**group by HigherEducationAspirations)**

**Select c.Interested\_in\_Higher\_Education,c.count,**

**(c.count\*100/t.total\_count) as percentage**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Top 6 Influencing Factors on Career Aspirations for Respondents**

**SELECT InfluencingFactors,count(InfluencingFactors) as total\_count,**

**rank() over(order by count(InfluencingFactors) desc) as ranks**

**FROM genz\_careeraspirationdata.genz\_careeraspirationdata**

**where Country='India'**

**group by InfluencingFactors**

**order by total\_count desc limit 6;**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **How do Career Aspiration Influence vary By Gender**

**SELECT InfluencingFactors,**

**count(Case when Gender ='F' then 1 end) as 'Female',**

**count(Case when Gender ='M' then 1 end) as 'Male',**

**count(Case when Gender ='Other' then 1 end) as 'Other',**

**count(\*) as Grand\_Total**

**FROM genz\_careeraspirationdata.genz\_careeraspirationdata**

**where Country='India'**

**group by InfluencingFactors;**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **What % of responedents are willing to work for a company for atleast 3 years**

**with Total\_Count as**

**(select count(worktenure\_3\_or\_more) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India'),**

**Interested\_to\_work\_count as**

**(select**

**case**

**when WorkTenure\_3\_or\_more = 'yes' then 'Interested'**

**when WorkTenure\_3\_or\_more = 'Depends on Right Company' then 'Interested but with Right Co.'**

**end as Interested\_to\_work\_for\_3\_or\_more,**

**count(worktenure\_3\_or\_more) as count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India'**

**group by worktenure\_3\_or\_more**

**)**

**select c.Interested\_to\_work\_for\_3\_or\_more,c.count,**

**(c.count\*100/t.total\_count) as percentage**

**from Interested\_to\_work\_count as c**

1. **How Many Respondents prefer to work for socially Impactful companies**

**select**

**Working\_for\_co\_with\_no\_social\_impact,**

**count( Working\_for\_co\_with\_no\_social\_impact)**

**FROM genz\_careeraspirationdata.genz\_careeraspirationdata**

**WHERE country = 'India'**

**GROUP BY working\_for\_co\_with\_no\_social\_impact**

**having Working\_for\_co\_with\_no\_social\_impact > 6**

1. **How does the preference for socially impactful Companies vary by gender**

**SELECT**

**SUM(CASE**

**WHEN gender = 'M' AND Working\_for\_co\_with\_no\_social\_impact > 6 THEN 1**

**ELSE 0**

**END) AS male\_count,**

**SUM(CASE**

**WHEN gender = 'F' AND Working\_for\_co\_with\_no\_social\_impact > 6 THEN 1**

**ELSE 0**

**END) AS female\_count,**

**SUM(CASE**

**WHEN gender = 'Other' AND Working\_for\_co\_with\_no\_social\_impact > 6 THEN 1**

**ELSE 0**

**END) AS other\_count,**

**Working\_for\_co\_with\_no\_social\_impact,**

**COUNT(Working\_for\_co\_with\_no\_social\_impact) AS impact\_count**

**FROM**

**genz\_careeraspirationdata.genz\_careeraspirationdata**

**WHERE**

**country = 'India'**

**GROUP BY**

**Working\_for\_co\_with\_no\_social\_impact**

**HAVING**

**Working\_for\_co\_with\_no\_social\_impact > 6;**

1. **What is the distribution of minimum expected salary in First Three years?**

**SELECT**

**Min\_expected\_Sal\_first\_three\_years AS salary\_range,**

**COUNT(\*) AS total\_count,**

**CONCAT(ROUND(COUNT(\*) \* 100 / (SELECT COUNT(\*) FROM genz\_careeraspirationdata WHERE country = 'India'), 2), '%') AS percentage**

**FROM**

**genz\_careeraspirationdata**

**WHERE**

**country = 'India'**

**GROUP BY**

**Min\_expected\_Sal\_first\_three\_years**

**ORDER BY**

**total\_count DESC;**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Expected Minimum Monthly Salary In hand at start of career**

**select min\_sal\_expected\_at\_start\_career as range\_sal\_expected\_at\_StartOfCareer,**

**count(\*) as Total\_Count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country = 'India'**

**group by Min\_Sal\_Expected\_at\_Start\_Career**

**order by Min\_Sal\_Expected\_at\_Start\_Career desc;**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **What percentage of respondents prefer remote working**

**SELECT**

**SUM(CASE**

**WHEN Most\_Preferred\_Work\_Environment = 'Fully Remote only' THEN 1 ELSE 0**

**END) AS Prefer\_remote\_work,**

**SUM(CASE**

**WHEN Most\_Preferred\_Work\_Environment = 'Fully Remote, travel as necessary' THEN 1 ELSE 0**

**END) AS Prefer\_remote\_work\_travel\_as\_necessary,**

**COUNT(\*) AS total\_respondents,**

**CONCAT(ROUND(SUM(CASE**

**WHEN Most\_Preferred\_Work\_Environment = 'Fully Remote only' THEN 1 ELSE 0**

**END) \* 100.0 / COUNT(\*), 2), '%') AS 'Percentage Prefer Remote Only',**

**CONCAT(ROUND(SUM(CASE**

**WHEN Most\_Preferred\_Work\_Environment = 'Fully Remote, travel as necessary' THEN 1 ELSE 0**

**END) \* 100.0 / COUNT(\*), 2), '%') AS 'Percentage Prefer Remote + Travel'**

**FROM genz\_careeraspirationdata**

**WHERE country = 'India';**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **What are Preffered Number of Daily Work Hours?**

**select Preferred\_Working\_Hours as No\_of\_Working\_hours,count(\*) as Total\_hours**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country ='India'**

**group by Preferred\_Working\_Hours**

**order by Preferred\_Working\_Hours desc;**

1. **What are the common work Frustrations of the respondents**

**select Factors\_that\_frustrate\_at\_work ,count(\*) as Total\_Frustrating\_Factors**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country ='India'**

**group by Factors\_that\_frustrate\_at\_work**

**order by Factors\_that\_frustrate\_at\_work desc;**

1. **How does the work life balance interventions vary by gender**

**select Work\_Life\_Interventions ,**

**count(case**

**when gender='M' then 1 end) as Male\_count,**

**count(case**

**when gender='F' then 1 end) as Female\_count,**

**count(case**

**when gender='Other' then 1 end) as Other\_count,**

**count(\*) as Total\_Count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country ='India'**

**group by Work\_Life\_Interventions**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **How Many Respondents are willing to work Under Abusive Manager**

**select Working\_under\_abusive\_manager ,**

**count(case**

**when Working\_under\_abusive\_manager='Yes' then 1 else 0 end)**

**as 'Dont\_mind\_working\_under\_abusive\_manager',**

**count(\*) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country ='India'**

**group by Working\_under\_abusive\_manager;**

1. **What is the distribution of Minimum Expected Salary after 5 years**

**select Minimum\_expected\_salary\_after\_first5\_years,**

**count(Minimum\_expected\_salary\_after\_first5\_years) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India'**

**group by Minimum\_expected\_salary\_after\_first5\_years**

**order by Minimum\_expected\_salary\_after\_first5\_years asc**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **What are the remote working preferences by Gender?**

**select Most\_Preferred\_Work\_Environment,**

**count(case**

**when gender='M' then 1 end) as male\_count,**

**count(case**

**when gender='F' then 1 end) as female\_count,**

**count(case**

**when gender='Other' then 1 end) as other\_count,**

**count(\*) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India';**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Gender wise Distribution Of Top Work Frustrations**

**select Factors\_that\_frustrate\_at\_work as Work\_Frustrations,**

**count(case**

**when gender='M' then 1 end) as Male\_count,**

**count(case**

**when gender='F' then 1 end) as female\_count,**

**count(case**

**when gender='Other' then 1 end) as other\_count,**

**count(\*) as total\_count**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India'**

**group by Factors\_that\_frustrate\_at\_work**

**order by Factors\_that\_frustrate\_at\_work desc;**

1. **Factors that Boost productivity and Happiness at work**

**select Factors\_Boosting\_Productivity,**

**count(Factors\_Boosting\_Productivity)**

**from genz\_careeraspirationdata.genz\_careeraspirationdata**

**where country='India'**

**group by Factors\_Boosting\_Productivity;**

1. **What percentage of respondents need sponsorship?**
2. SELECT
3. HigherEducationAspirations,
4. COUNT(\*) AS Count\_of\_Higher\_Education\_Aspirations,
5. (COUNT(\*) / (SELECT COUNT(\*) FROM genz\_careeraspirationdata.genz\_careeraspirationdata WHERE country = 'India')) \* 100 AS Percentage\_of\_Higher\_Education\_Aspirations
6. FROM
7. genz\_careeraspirationdata.genz\_careeraspirationdata
8. WHERE
9. country = 'India'
10. GROUP BY
11. HigherEducationAspirations;