Data Analysis with SQL

1. What is the desired work environment for Gen-Z both Males and Females?

**SQL Query:**

1. **Hybrid-Frequent Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Hybrid-Frequent'

GROUP BY gender

ORDER BY Males\_count;

1. **Remote-Only Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Remote-Only'

GROUP BY gender

ORDER BY Males\_count;

1. **Remote-Flexible Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Remote-Flexible'

GROUP BY gender

ORDER BY Total\_count;

1. **Hybrid-Moderate Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Hybrid-Moderate'

GROUP BY gender

ORDER BY Total\_count;

1. **On-site Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'On-Site'

GROUP BY gender

ORDER BY Total\_count;

1. **Hybrid-Light Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Hybrid-Light'

GROUP BY gender

ORDER BY Total\_count;

1. **Hybrid-Minimal Count:**

SELECT gender, `work Environment`, COUNT(\*) AS Total\_count

FROM genzrespones

WHERE `work Environment` = 'Hybrid-Minimal'

GROUP BY gender

ORDER BY Total\_count;

1. What are the top factors influencing Gen-Z’s career choices and their Avg ranks?

**SQL Query:**

1. **Enterprenuer:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Entrepreneurs'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Social Media:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Social Media'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Mentors:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Mentors'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Influencers:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Influencers'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Parents:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Parents'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Friends:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Friends'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. **Movies:**

SELECT gender,`Career Influence`, avg(`Rate of Social impact`) as `Avg rate of Influence` FROM genzrespones

WHERE `Career Influence` = 'Movies'

GROUP BY gender

ORDER BY `Avg rate of Influence`;

1. How do financial goals (salary and benefits) impact career aspirations among Gen-Z?

**SQL query**

1. **In Males:**

SELECT gender,

`Salary Expectation for (3Yrs)`,

COUNT(`Salary Expectation for (3Yrs)`) AS `count\_of\_3\_Years`,

`Salary Expectation for (5Yrs)`,

COUNT(`Salary Expectation for (5Yrs)`) AS `count\_of\_5\_Years`

FROM genzrespones

WHERE `Salary Expectation for (3Yrs)` IS NOT NULL

and `Salary Expectation for (5Yrs)` IS NOT NULL and gender = "Male"

GROUP BY gender, `Salary Expectation for (3Yrs)`, `Salary Expectation for (5Yrs)`

ORDER BY `count\_of\_5\_Years` DESC;

1. **In Females:**

SELECT gender,

`Salary Expectation for (3Yrs)`,

COUNT(`Salary Expectation for (3Yrs)`) AS `count\_of\_3\_Years`,

`Salary Expectation for (5Yrs)`,

COUNT(`Salary Expectation for (5Yrs)`) AS `count\_of\_5\_Years`

FROM genzrespones

WHERE `Salary Expectation for (3Yrs)` IS NOT NULL

and `Salary Expectation for (5Yrs)` IS NOT NULL and gender = "Females"

GROUP BY gender, `Salary Expectation for (3Yrs)`, `Salary Expectation for (5Yrs)`

ORDER BY `count\_of\_5\_Years` DESC;

1. What role do personal values and social impact play in career choices for Gen-Z?

**SQL query**

1. **In Males:**

SELECT Gender, `Mission Integrity`, `Mission Clarity`,

AVG(`Rate of Social impact`) AS avg\_social\_impact\_score,

COUNT(\*) AS response\_count

FROM genzrespones

WHERE "Rate of Social impact" IS NOT NULL and gender = "Male"

GROUP BY gender, `Mission Integrity`, `Mission Clarity`

ORDER BY avg\_social\_impact\_score DESC;

1. **In Females:**

SELECT Gender, `Mission Integrity`, `Mission Clarity`,

AVG(`Rate of Social impact`) AS avg\_social\_impact\_score,

COUNT(\*) AS response\_count

FROM genzrespones

WHERE "Rate of Social impact" IS NOT NULL and gender = "Female"

GROUP BY gender, `Mission Integrity`, `Mission Clarity`

ORDER BY avg\_social\_impact\_score DESC;

1. What industries are Gen-Z most interested in pursuing careers in?

**SQL query:**

1. **In Males:**

SELECT gender, `Career Aspiration`, COUNT(\*) AS interest\_count

FROM genzrespones

WHERE `Career Aspiration` IS NOT NULL and gender = "Male"

GROUP BY gender, `Career Aspiration`

ORDER BY interest\_count DESC

LIMIT 10;

1. In Females:

SELECT gender,

`Career Aspiration`,

COUNT(\*) AS interest\_count

FROM genzrespones

WHERE `Career Aspiration` IS NOT NULL and gender = "Female"

GROUP BY gender, `Career Aspiration`

ORDER BY interest\_count DESC

LIMIT 10;