

Development Tool - Tableau Desktop

Test No	Sheet Name	Query	Test Result	QA Remark
1	KPI- Employee Count	select sum(employee_count) as Employee_Count from hrdata;	P	Exact match
2	KPI- Attrition Count	select count(attrition) from hrdata where attrition='Yes'	P	Exact match
3	KPI- Attrition Rate	select round (((select count(attrition) from hrdata where attrition='Yes')/ sum(employee_count)) * 100,2) from hrdata;	P	Exact match
4	KPI- Active Employee	select sum(employee_count) - (select count(attrition) from hrdata where attrition='Yes') from hrdata;	P	Exact match
5	KPI- Average Age	select round(avg(age),0) from hrdata;	P	Exact match
6	attrition by gender	select gender, count(attrition) as attrition_count from hrdata where attrition='Yes' group by gender order by count(attrition) desc;	P	Exact match
7	Attrition by department	select department, count(attrition), round((cast (count(attrition) as numeric) / (select count(attrition) from hrdata where attrition= 'Yes')) * 100, 2) as pct from hrdata	P	Exact match

		where attrition='Yes' group by department order by count(attrition) desc;		
8	no of employee by age group	SELECT age, sum(employee_count) AS employee_count FROM hrdata GROUP BY age order by age;	P	Exact match
9	Attrition by education field	select education_field, count(attrition) as attrition_count from hrdata where attrition='Yes' group by education_field order by count(attrition) desc;	P	Exact match
10	Attrition rate by gender for different age group	select age_band, gender, count(attrition) as attrition, round((cast(count(attrition) as numeric) / (select count(attrition) from hrdata where attrition = 'Yes')) * 100,2) as pct from hrdata where attrition = 'Yes' group by age_band, gender order by age_band desc;	p	Exact match
11	Job satisfaction rating	SELECT * FROM crosstab('SELECT job_role, job_satisfaction, sum(employee_count) FROM hrdata GROUP BY job_role, job_satisfaction ORDER BY job_role, job_satisfaction'	P	Exact match

		<div>) AS ct(job_role varchar(50), one numeric, two numeric, three numeric, four numeric) ORDER BY job_role;  create extension if not exists tablefunc</div>		
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