

TEST DOCUMENT

Client Name	Data Tutorials
Report Name	HR Analytics Dashboard
Developer Name	Sherif Ashraf
Tester Name	Sherif Roshdy
Project Manager	HR Analytics
Development Tool	Power BI

Test No.	Sheet Name	Query	Test Result	QA Remark
1	KPI- Employee Count	select sum(employee_count) as Employee_Count from hrdata;	Pass	Exact match
2	KPI- Attrition Count	select count(attrition) from hrdata where attrition='Yes';	Pass	Exact match
3	KPI- Attrition Rate	select round (((select count(attrition) from hrdata where attrition='Yes')/ sum(employee_count)) * 100,2) from hrdata;	Pass	Exact match

4	KPI- Active Employee	select sum(hr.employee_count) - (select count(attrition) from hrdata where attrition='Yes') from hrdata;	Pass	Exact match
5	KPI- Average Age	select round(avg(age),0) from hrdata;	Pass	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;	Pass	Exact match
7	Department wise Attrition	select department, count(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 department order by count(attrition) desc;	Pass	Exact match
8	No of Employee by Age Group	select age_band, gender, sum(employee_count) from hrdata group by age_band, gender order by age_band, gender desc	Pass	Exact match
9	Education Field wise Attrition	select education_field, count(attrition) as attrition_count from hrdata	Pass	Exact match

		where attrition='Yes' group by education_field order by count(attrition) desc;		
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;	Pass	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') AS ct(job_role varchar(50), one numeric, two numeric, three numeric, four numeric) ORDER BY job_role;	Pass	Exact match

Test Result:

Total Tests	11
Pass	11
Fail	00
Blocked	00
Not Executed	00