TEST DOCUMENT

Client Name	Data Tutorials
Report Name	HR Analytics Dashboard
Developer Name	
Tester Name	
Project Manager	
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