TEST DOCUMENT

Client Name	Arafat Ahmed
Report Name	HR Analytics Dashboard
Developer Name	Towhidul Islam
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) AS attrition_count 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) AS attrition_rate FROM hrdata;	Pass	Exact match

4	KPI- Active Employee	SELECT SUM(employee_count)-(SELECT COUNT(attrition) FROM hrdata WHERE attrition='Yes') AS active_employee 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 WHERE attrition='Yes' GROUP BY education_field ORDER BY COUNT(attrition) DESC;	Pass	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;	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