TEST DOCUMENT

Report Name	HR Analytics Dashboard
Tester Name	Vivek Singh
Development Tool	**Tableau**

Test No.	Sheet Name	Query	Test Result	QA Remark
1	KPI- Employee Count	SELECT SUM(employee_count) AS Total_Employees 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((CAST((SELECT COUNT(attrition) FROM hrdata WHERE attrition = 'Yes') AS FLOAT) / 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')	Pass	Exact match

		AS Active_Employees FROM hrdata;		
5	KPI- Average Age	SELECT ROUND(AVG(age),0) AS Average_Age FROM hrdata;	Pass	Exact match
6	Attrition by Gender	SELECT gender , COUNT(attrition) AS Attrition FROM hrdata WHERE attrition = 'Yes' GROUP BY gender ORDER BY COUNT(attrition) DESC;	Pass	Exact match
7	Department wise Attrition	SELECT department, COUNT(attrition) AS Attrition_Count, ROUND(CAST(COUNT(attrition) AS FLOAT) * 100 / (SELECT COUNT(attrition) FROM hrdata WHERE attrition = 'Yes'), 2) AS Attrition_Percentage 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 , SUM(employee_count) AS Employee_Count FROM hrdata GROUP BY age ORDER BY age;	Pass	Exact match
9	Education Field wise Attrition	SELECT education_field , COUNT(attrition) AS Attrition 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 FLOAT) * 100 / (SELECT COUNT(attrition) FROM hrdata WHERE attrition = 'Yes')), 2) AS Attrition_Percentage FROM hrdata	Pass	Exact match

		WHERE attrition = 'Yes' GROUP BY age_band, gender ORDER BY age_band, gender;		
11	Job Satisfaction Rating	SELECT job_role, [1] AS one, [2] AS two, [3] AS three, [4] AS four FROM (SELECT job_role, job_satisfaction, employee_count FROM hrdata) AS SourceTable PIVOT (SUM(employee_count) FOR job_satisfaction IN ([1], [2], [3], [4])) AS PivotTable ORDER BY job_role;	Pass	Exact match

Test Result:

Total Tests	11
Pass	11

Fail	00
Blocked	00
Not Executed	00