TEST DOCUMENT

Client Name	Data
Report Name	HR Analytics Dashboard
Developer Name	
Tester Name	Dnyaneshwar Ramkul
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) 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) as Average_Age 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 attrition_count desc ;	Pass	Exact match
7	Department wise Attrition	select department, count(attrition), round((count(attrition)/(select count(attrition) from hrdata where attrition ="yes")*100),2) as attrition_per 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, sum(employee_count) AS employee_count FROM hrdata GROUP BY age_band order by age_band;	Pass	Exact match
9	Education Field wise Attrition	select education_field, count(attrition) as Education_Field_wise_Attrition from hrdata where attrition='Yes' group by education_field order by count(attrition) desc;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((COUNT(attrition) / (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, gender DESC;	Pass	Exact match
11	Job Satisfaction Rating	SELECT job_role, SUM(CASE WHEN job_satisfaction = 1 THEN employee_count ELSE 0 END) AS one, SUM(CASE WHEN job_satisfaction = 2 THEN employee_count ELSE 0 END) AS two, SUM(CASE WHEN job_satisfaction = 3 THEN employee_count ELSE 0 END) AS three, SUM(CASE WHEN job_satisfaction = 4 THEN employee_count ELSE 0 END) AS four FROM hrdata GROUP BY job_role ORDER BY job_role;	Pass	Exact match

Test Result:

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