TEST DOCUMENT

Report Name	HR Analytics Dashboard
Developer Name	Ujjwal Gupta
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 Employees	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 Groups	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 Groups	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	**Pass**	*Exact match*

		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;		

Test Results:

Total Tests	11
Pass	11
Fail	0
Blocked	0
Not Executed	0