# TEST DOCUMENT

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|---|---|
| **Client Name** | |
| **Report Name** | HR Analytics Dashboard |
| **Developer Name** | |
| **Tester Name** | Md. Jahid Hasan Shawn |
| **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<br>where attrition='Yes'<br>group by gender<br>order by count(attrition) desc; | Pass | Exact match |
| 7 | Department wise Attrition | select department, count(attrition), round((cast (count(attrition) as numeric) /<br>(select count(attrition) from hrdata where attrition= 'Yes')) * 100, 2) as pct from hrdata<br>where attrition='Yes'<br>group by department<br>order by count(attrition) desc; | Pass | Exact match |
| 8 | No of Employee by Age Group | select age_band, gender, sum(employee_count) from hrdata<br>group by age_band, gender<br>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'<br><br>group by education_field<br><br>order by count(attrition) desc; | | |
|---|---|---|---|---|
| 10 | Attrition Rate by Gender for different Age group | select age_band, gender, count(attrition) as attrition,<br><br>round((cast(count(attrition) as numeric) / (select count(attrition) from hrdata where attrition = 'Yes')) * 100,2) as pct<br><br>from hrdata<br><br>where attrition = 'Yes'<br><br>group by age_band, gender<br><br>order by age_band desc; | Pass | Exact match |
| 11 | Job Satisfaction Rating | SELECT * FROM crosstab('SELECT job_role, job_satisfaction, sum(employee_count)<br><br>  FROM hrdata<br><br>  GROUP BY job_role, job_satisfaction<br><br>  ORDER BY job_role, job_satisfaction'<br><br>      ) AS ct(job_role varchar(50), one numeric, two numeric, three numeric, four numeric)<br><br>ORDER BY job_role; | Pass | Exact match |

## Test Result:

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|---|---|
| **Total Tests** | 11 |
| **Pass** | 11 |
| **Fail** | 00 |
| **Blocked** | 00 |
| **Not Executed** | 00 |