**TESTDOCUMENT**

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| 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 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** :

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