**TEST DOCUMENT**

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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 sum(employee\_count) as employee\_count from hrdata  --where education = 'Associates Degree' | 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 Avg\_age from hrdata | Pass | Exact match |
| 6. | Attrition by Gender | select gender, count(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),  round((cast (count(attrition) as numeric)/ (select count(attrition) from hrdata where attrition = 'Yes' ))\*100,2)  as percent\_attrition 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) 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),  round((cast (count(attrition) as numeric)/ (select count(attrition) from hrdata where attrition = 'Yes'))\*100,2)  as percent\_attrition from hrdata  where attrition='Yes'  group by age\_band, gender  order by age\_band, gender | 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 |