**TEST DOCUMENT**

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| **Client Name:-** Vikki Kumar  **Report Name:-** HR Analytics Dashboard  **Developer Name:-** Vikki Kumar  **Development Tool:-**My SQL, Power BI |

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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 hrdataa; | Pass | Exact match |
| 2 | KPI- Attrition Count | select count(attrition) from hrdataa where attrition='Yes'; | Pass | Exact match |
| 3 | KPI- Attrition Rate | select  round (((select count(attrition) from hrdataa where attrition='Yes')/  sum(employee\_count)) \* 100,2)  from hrdataa; | Pass | Exact match |
| 4 | KPI- Active Employee | Select sum(employee\_count) - (select count(attrition) from hrdataa where attrition='Yes') from hrdataa; | Pass | Exact match |
| 5 | KPI- Average Age | select round(avg(age),0) from hrdataa; | Pass | Exact match |
| 6 | Attrition by Gender | select gender, count(attrition) as attrition\_count from hrdataa  where attrition='Yes'  group by gender  order by count(attrition) desc; | Pass | Exact match |
| 7 | Department wise Attrition | SELECT department, count(attrition),  (CAST(count(attrition) as decimal(10,2)) / (select count(attrition) from hrdataa where attrition='Yes' and gender='female'))\*100 as percentage  from hrdataa  where attrition='Yes' and gender='female'  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 hrdataa  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 hrdataa  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  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  hrdataa  GROUP BY  job\_role  ORDER BY  job\_role; | Pass | Exact match |

**Test Result:**

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| **Total Tests** | 11 |
| **Pass** | 11 |
| **Fail** | 00 |
| **Blocked** | 00 |
| **SIGNATURE** | VIKKI KUMAR |