**TEST DOCUMENT**

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| **Report Name** | HR Analytics Dashboard |
| **Developer And Tester** | Siddharth Bhardwaj |
| **Development Tool** | **Power BI** |
| **Testing Platform** | **MySQL Workbench** |

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| **Test No.** | **Test Name** | **Query** | **Test Result** | **QA Remark** |
| 1 | KPI- Employee Count | select sum(employee\_count) as Employee\_Count from hrdata; | Pass | Match |
| 2 | KPI- Attrition Count | select count(attrition) from hrdata where attrition='Yes'; | Pass | Match |
| 3 | KPI- Attrition Rate | select  round (((select count(attrition) from hrdata where attrition='Yes')/sum(employee\_count)) \* 100,2)  from hrdata; | Pass | Match |
| 4 | KPI- Active Employee | select sum(hr.employee\_count) - (select count(attrition) from hrdata where attrition='Yes') from hrdata; | Pass | Match |
| 5 | KPI- Average Age | select round(avg(age),0) from hrdata; | Pass | 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 | Match |
| 7 | Department wise Attrition | select department, count(attrition),  round((count(attrition)/(select count(attrition) from hrdata where attrition='Yes'))\*100,2)  from hrdata  where attrition='Yes'  group by department  order by count(attrition) desc; | Pass | 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 | 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 | Match |
| 10 | Attrition Rate by Gender for different Age group | select age\_band,gender, count(attrition),  round((count(attrition)/(select count(attrition) from hrdata where attrition='Yes'))\*100,2)  from hrdata  where attrition='Yes'  group by age\_band,gender  order by age\_band,gender; | Pass | 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 hrdata  GROUP BY job\_role  ORDER BY job\_role; | Pass | Match |

**Test Result:**

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