**TEST DOCUMENT REPORT TO VERIFY POWER BI DASHBOARD THROUGH MYSQL WORKBENCH**

|  |  |
| --- | --- |
| **Client Name** | G. Bharat Reddy |
| **Report Name** | HR Analytics Dashboard |
| **Developer Name** | G. Bharat Reddy |
| **Tester Name** | G. Bharat Reddy |
| **Project Manager** | G. Bharat Reddy |
| **Development Tool** | **Power BI** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test No.** | **Sheet Name** | **Query** | **Test Result** | **QA Remark** |
| 1. | KPI- Employee Count | select count(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 count(active\_employee) from hrdata  where active\_employee = 1; | Pass | Exact match |
| 5. | KPI- Average Age | select round(avg(age)) 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) as Attrition\_Count,  round(count(attrition)/(select count(attrition) from hrdata where attrition = 'yes')\*100,2) as Attrition\_Percentage  .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; | 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 AttritionCount,  round(count(attrition)/(select count(attrition) from hrdata h2 where h2.age\_band = h1.age\_band and attrition = 'yes')\*100,2) as Percentage\_AttritionCount  from hrdata h1  where attrition = 'yes'  group by age\_band, gender  order by age\_band, gender; | 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 hrdata  GROUP BY job\_role  ORDER BY job\_role; | Pass | Exact match |

**Test Result:**

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