**TEST DOCUMENT**

|  |  |
| --- | --- |
| **Client Name** | Data Tutorials |
| **Report Name** | HR Analytics Dashboard |
| **Developer Name** | Ahmed Omar |
| **Tester Name** | Ahmed Omar |
| **Development Tool** | **Power BI & SQL** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test No.** | **Sheet Name** | **Query** | **Test Result** | **QA Remark** |
| 1 | KPI- Total Employees | SELECT  COUNT(emp\_no) AS [Total Employees]  FROM hrdata; | Pass | Exact match |
| 2 | KPI- Attrition Count | SELECT  COUNT(active\_employee) AS [Attrition Count]  FROM hrdata  WHERE active\_employee = 0; | Pass | Exact match |
| 3 | KPI- Attrition Rate | SELECT  ROUND(  (CAST(COUNT(CASE WHEN attrition = 'Yes' THEN 1 END) AS FLOAT) /  (SELECT COUNT(\*) FROM hrdata)) \* 100,  2) AS [Attrition Rate %]  FROM hrdata; | Pass | Exact match |
| 4 | KPI- Active Employees | SELECT  COUNT(active\_employee) AS [Active Employee]  FROM hrdata  WHERE active\_employee = 1; | Pass | Exact match |
| 5 | KPI- Average Age | SELECT  ROUND(AVG(age),0) AS [Average Age]  FROM hrdata; | Pass | Exact match |
| 6 | Attrition by Department | SELECT  department,  COUNT(active\_employee) AS [Attrition Count]  FROM hrdata  WHERE active\_employee = 0  GROUP BY department; | Pass | Exact match |
| 7 | Number of Employees per Age Group | SELECT  age\_band,  COUNT(emp\_no) AS [No. of Employees]  FROM hrdata  GROUP BY age\_band  ORDER BY age\_band DESC; | Pass | Exact match |
| 8 | Attrition per Education Field | SELECT  education\_field,  COUNT(active\_employee) AS [Attrition Count]  FROM hrdata  WHERE active\_employee = 0  GROUP BY education\_field  ORDER BY [Attrition Count] DESC; | Pass | Exact match |
| 9 | Attrition Count by Gender per Age Group | SELECT  gender,  age\_band,  COUNT(active\_employee) AS [Attrition Count]  FROM hrdata  WHERE active\_employee = 0  GROUP BY gender, age\_band  ORDER BY age\_band DESC; | Pass | Exact match |

**Test Result:**

|  |  |
| --- | --- |
| **Total Tests** | 9 |
| **Pass** | 9 |
| **Fail** | 00 |
| **Blocked** | 00 |
| **Not Executed** | 00 |