**TEST DOCUMENT**

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| **Client Name** | Manager |
| **Report Name** | HR Analytics Dashboard |
| **Developer Name** | Kushagra Rastogi |
| **Tester Name** | Kushagra Rastogi |
| **Project Manager** |  |
| **Development Tool** | **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 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(attrition) AS "Active Employees"**  **FROM hrdata WHERE attrition = 'No';** | Pass | Exact match |
| 5 | KPI- Average Age | **SELECT ROUND(AVG(AGE)) AS "Average 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), round((CAST (COUNT(attrition) AS numeric) /**  **(SELECT COUNT(attrition) FROM hrdata WHERE attrition= 'Yes')) \* 100, 2) AS percent**  **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)**  **AS count\_of\_employees**  **FROM hrdata**  **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 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 attrition\_count,**  **round((CAST(COUNT(attrition) AS numeric) /**  **(SELECT COUNT(attrition) FROM hrdata WHERE attrition = 'Yes')) \* 100,2) AS percent**  **FROM hrdata**  **WHERE attrition = 'Yes'**  **GROUP BY age\_band, gender**  **ORDER BY age\_band, gender DESC;** | 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 |