**TEST DOCUMENT For 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 HR\_DATABASE.hrdata | Pass | Exact match |
| 2 | KPI- Attrition Count | SELECT COUNT(attrition) AS attrition\_count FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes" | Pass | Exact match |
| 3 | KPI- Attrition Rate | SELECT ROUND(((SELECT COUNT(attrition) FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes")/SUM(employee\_count))\*100,2) AS attribution\_rate FROM HR\_DATABASE.hrdata | Pass | Exact match |
| 4 | KPI- Active Employee | SELECT SUM(employee\_count) - (SELECT COUNT(attrition) FROM HR\_DATABASE.hrdata WHERE attrition = "Yes") AS active\_employee  FROM HR\_DATABASE.hrdata | Pass | Exact match |
| 5 | KPI- Average Age | SELECT ROUND(AVG(age),0) AS avg\_age FROM HR\_DATABASE.hrdata | Pass | Exact match |
| 6 | Attrition by Gender | SELECT gender, COUNT(attrition) as attrition\_count FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes"  GROUP BY gender  ORDER BY attrition\_count desc | Pass | Exact match |
| 7 | Department wise Attrition | SELECT department, attrition\_count, ROUND(attrition\_count/(SELECT COUNT(attrition) FROM HR\_DATABASE.hrdata WHERE attrition = "Yes")\*100,2) AS pct  FROM  (SELECT department, COUNT(attrition) AS attrition\_count FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes"  GROUP BY department  ORDER BY attrition\_count DESC) AS final | Pass | Exact match |
| 8 | No of Employee by Age Group | SELECT age, SUM(employee\_count) AS employee\_count FROM HR\_DATABASE.hrdata  GROUP BY age  ORDER BY age | Pass | Exact match |
| 9 | Education Field wise Attrition | SELECT education\_field, COUNT(attrition) AS attrition\_count FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes"  GROUP BY education\_field  ORDER BY attrition\_count DESC | Pass | Exact match |
| 10 | Attrition Rate by Gender for different Age group | SELECT age\_band, gender, attrition\_count,  ROUND(attrition\_count/(SELECT COUNT(attrition) FROM HR\_DATABASE.hrdata WHERE attrition = "Yes")\*100,2) AS pct  FROM  (SELECT age\_band, gender, COUNT(attrition) AS attrition\_count  FROM HR\_DATABASE.hrdata  WHERE attrition = "Yes"  GROUP BY age\_band,gender  ORDER BY age\_band,gender) AS final | Pass | Exact match |
| 11 | Job Satisfaction Rating | SELECT  job\_role,  SUM(CASE WHEN job\_satisfaction = 1 THEN employee\_count END) AS one,  SUM(CASE WHEN job\_satisfaction = 2 THEN employee\_count END) AS two,  SUM(CASE WHEN job\_satisfaction = 3 THEN employee\_count END) AS three,  SUM(CASE WHEN job\_satisfaction = 4 THEN employee\_count END) AS four  FROM HR\_DATABASE.hrdata  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 |
| **Not Executed** | 00 |