**TESTDOCUMENT**

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| **Client Name** | | Tejashv Singh | |
| **Report Name** | | HR Analytics Dashboard | |
| **Developer Name** | | Tejashv Singh | |
| **Tester Name** | | - | |
| **Project Manager** | | - | |
| **Development Tool** | | **Power BI Desktop** | |
| **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 |

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| 4 | KPI- Active Employee | select sum(employee\_count) - (select count(attrition) from hrdata where attrition='Yes') from hrdata; | Pass | Exact match |
| 5 | KPI- Average Age | select round(avg(age),0) 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 pct 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, sum(employee\_count) AS employee\_count FROM hrdata GROUP BY age order by age; | Pass | Exact match |
| 9 | Education Field wise Attrition | select education\_field, count(attrition) as attrition\_count from hrdata | Pass | Exact match |

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|  |  | where attrition='Yes' group by education\_field order by count(attrition) desc; |  |  |
| 10 | Attrition Rate by Gender for different Age group | SELECT job\_role,  SUM(CASE WHEN job\_statisfaction = 1 THEN employee\_count ELSE 0 END) AS '1',  SUM(CASE WHEN job\_statisfaction = 2 THEN employee\_count ELSE 0 END) AS '2',  SUM(CASE WHEN job\_statisfaction = 3 THEN employee\_count ELSE 0 END) AS '3',  SUM(CASE WHEN job\_statisfaction = 4 THEN employee\_count ELSE 0 END) AS '4'  FROM hrdata  GROUP BY job\_role  ORDER BY job\_role; | 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 |