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| **Index** | **KPIs Name**  Test Document / Data Validation  **HR Analytics Report** | **SQL Queries** | **Queries Result (Screenshot)** | **Test Result** |
| 1 | Total Employees | **select sum(employee\_count) as Employee\_Count from hr\_data;** |  | **Pass** |
| 2 | Attrition Count | **select count(attrition) as attrition\_count from hr\_data where attrition='Yes';** |  | **Pass** |
| 3 | Attrition Rate | **select**  **round (((select count(attrition) from hr\_data where attrition='Yes')/**  **sum(employee\_count)) \* 100,2) as attrition\_rate**  **from hr\_data;** |  | **Pass** |
| 4 | Active Employess | **select sum(employee\_count) - (select count(attrition) from hr\_data where attrition='Yes') as active\_employee from hr\_data;** |  | **Pass** |
| 5 | Average Age | **select round(avg(age),0) as average\_age from hr\_data;** |  | **Pass** |
| 6 | Attrition By Gender | **select gender, count(attrition) as attrition\_count from hr\_data**  **where attrition='Yes'**  **group by gender**  **order by count(attrition) desc;** |  | **Pass** |
| 7 | Attrition By Department | **select department, count(attrition) as attrition\_count from hr\_data**  **where attrition='Yes'**  **group by department**  **order by count(attrition) desc;** |  | **Pass** |
| 8 | No. Of Employees By Age Group | **SELECT age, sum(employee\_count) AS employee\_count FROM hr\_data**  **GROUP BY age**  **order by age;** |  | **Pass** |
| 9 | Attrition By Education Field | **select education\_field, count(attrition) as attrition\_count from hr\_data**  **where attrition='Yes'**  **group by education\_field**  **order by count(attrition) desc;** |  | **Pass** |
| 10 | Attrition Rate by Gender for different Age Group | **select `CF\_age band`, gender, count(attrition) as attrition from hr\_data**  **where attrition = 'Yes'**  **group by `CF\_age band`, gender**  **order by `CF\_age band`, gender desc;** |  | **Pass** |