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| Test # | Sheet Name | Query | Result | QS Remark |
| 1 | Employee Count | SELECT SUM(employee\_count) AS Employee\_Count FROM hrdata; | Pass | Match |
| 2 | Attrition Count | SELECT COUNT(attrition) FROM hrdata where attrition='Yes'; | Pass | Match |
| 3 | Attrition Rate | select round (((select count(attrition) from hrdata where attrition='Yes')/ sum(employee\_count)) \* 100,2)  from hrdata; | Pass | Match |
| 4 | Active Employee | select sum(hr.employee\_count) - (select count(attrition) from hrdata where attrition='Yes') from hrdata; | Pass | Match |
| 5 | Average Age | select round(avg(age),0) from hrdata; | Pass | 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 | 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 | Match |
| 8 | No of Employee by Age Group | select age\_band, gender, sum(employee\_count) from hrdata  group by age\_band, gender  order by age\_band, gender desc | Pass | 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 | Match |
| 10 | Attrition Rate by Gender for different Age group | select age\_band, gender, count(attrition) as 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 age\_band, gender  order by age\_band desc; | Pass | 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 | Match |