**Data analytics**

**Assignment SQL Queries**

1. Write a sql query to find the total sum of revenue from orders table

SELECT count(item) as Revenue

FROM orders;

1. write a sql query to find the total number of customer belongs to either USA, UK or Germany or whose age less than 30

select count(\*) as number from customers where (country='USA' or country='UK' or country='Germany') and age>30;

1. Write a sql query to find the maximum age of a employee and the city he belongs to

select country, first\_name, max(age) from customers ;

4.Write a sql to find the range of employees who is getting salary 10k to 20k and belongs to production or development department

Select name from table where (salary between 10k and 20k) and (department= ‘production’ or ‘development’);

5.Write a sql query to find all the customer whose name starts from A and end with R and contains only 5 characters

Select \* from customers where name like ‘A\_\_\_R%’;

6.Write a sql query to find the total count of customer whose age is greater than or equal to 50

Select count(\*) as number from customer where age>=50;

7. Write a SQL query to find the sum of following column list price , cost price and MRP as price where customer id is between 1 to 10 and belongs to UK only

Select sum(list price), sum(cost price), MRP as price from customer where (customer\_id between 1 and 10) and country= ‘UK’;

8. Write a SQL query to check how many number of customers are eligible to vote

Select count(\*) as number from customers where vote= ‘yes’;

9. Write a sql query to find the total number of students who scored marks greater than 70 and belong to UK international school and residing in UK

Select count(\*) as number from students where marks>70 and school= ‘UK international school’ and reside= ‘UK’;

10. Find the number of orders which has to product id as 5,2,18,36,83,25,283,527,2562 and arrange in decending order

Select item, product\_id from orders where product\_id IN(5,2,18,36,83,25,283,527,2562) order by product\_id desc;

11. Write a sql query to find a customer who not orders Table ,Remote , Book and clock and doesn’t belongs to city USA and age less than 35

Select name from customer where item not IN (Table ,Remote , Book,clock) and city <> ‘USA’ and age>35;

12.write a sql query to find the customer name which doesn’t starts with M and N

Select customer\_id, first\_name from customers where first\_name not like 'M%' and first\_name not like 'N%' group by customer\_id;

13.write a sql query to find the count of distinct country from employee table

Select count(distinct country) as number from employee;

14.Write a SQL query to find a student who scored 90 and not belongs to Spain and not belongs to Spain international school

Select name from students where score=90 and country<> ‘Spain’ and school <> ‘Spain international school’;

15.write a sql query to find the count of product id where product id between 67 to 92

Select count(\*) as number from orders where product\_id between 67 and 92;

16.write a sql query to limit only 50 rows

Select top(50) \* from table;

Select \* from table limit 50;

17 write a sql to find the 50 rows where the customer belongs to blood group o+ and B+

Select top(50) \* from table where blood\_group= ‘o+’ or blood\_group= ‘B+’;

Select \* from table where blood\_group= ‘o+’ or blood\_group= ‘B+’ limit 50;

18. Write a sql query to fetch 5 basic details of students where the student should not belongs to class 8

Select name, age, height, born\_year, nationality from students where class<>8;

19.write a sql query to rename name as my name , product as my product, order as my order

Select name as my name, product as my product, order as my order from table;

20.write a sql query selects all fields from Customers where either City is "Berlin", CustomerName starts with the letter "G" or Country is "Norway"

Select \* from customers where city= ‘Berlin’ and CustomerName like ‘G%’ and country= ‘Norway’;

21.Write SQL statement selects all customers from Spain that starts with a "G" or an "R".

Select \* from customers where country=”Spain” and (name like ‘G%’ or name like ‘R%’);

22.write sql query to Select all customers that either:

are from Spain and starts with either "G", or

starts with the letter "R"

select \* from customers where (country= ‘Spain’ and name like ‘G%’) or name like ‘R%’;

23.write a sql query to find minimum of price as min price , maximum of price as max price, sum as sum price

Select min(price) as min\_price, max(price) as max\_price, sum(price) as sum from table;

24.write a sql query to have names of students whose second letter is r and 4th letter is s

Select name from students where name like ‘\_r\_s%’;

25. Write a unique query implement all the concepts you learnt

Select sum(price) as sum, distinct name from table where first\_name= ‘john’ and second\_name<> ‘bob’ and city IN(UK, USA) and age between 20 and 30 or middle\_name like ‘%h%’ limit 50;