use analyticsdb;

create table student\_window(

student\_id int ,

student\_batch varchar(40),

student\_name varchar(40),

student\_stream varchar(30),

students\_marks int ,

student\_mail\_id varchar(50));

insert into student\_window values(100 ,'fsda' , 'saurabh','cs',80,'saurabh@gmail.com'),

(102 ,'fsda' , 'sanket','cs',81,'sanket@gmail.com'),

(103 ,'fsda' , 'shyam','cs',80,'shyam@gmail.com'),

(104 ,'fsda' , 'sanket','cs',82,'sanket@gmail.com'),

(105 ,'fsda' , 'shyam','ME',67,'shyam@gmail.com'),

(106 ,'fsds' , 'ajay','ME',45,'ajay@gmail.com'),

(106 ,'fsds' , 'ajay','ME',78,'ajay@gmail.com'),

(108 ,'fsds' , 'snehal','CI',89,'snehal@gmail.com'),

(109 ,'fsds' , 'manisha','CI',34,'manisha@gmail.com'),

(110 ,'fsds' , 'rakesh','CI',45,'rakesh@gmail.com'),

(111 ,'fsde' , 'anuj','CI',43,'anuj@gmail.com'),

(112 ,'fsde' , 'mohit','EE',67,'mohit@gmail.com'),

(113 ,'fsde' , 'vivek','EE',23,'vivek@gmail.com'),

(114 ,'fsde' , 'gaurav','EE',45,'gaurav@gmail.com'),

(115 ,'fsde' , 'prateek','EE',89,'prateek@gmail.com'),

(116 ,'fsde' , 'mithun','ECE',23,'mithun@gmail.com'),

(117 ,'fsbc' , 'chaitra','ECE',23,'chaitra@gmail.com'),

(118 ,'fsbc' , 'pranay','ECE',45,'pranay@gmail.com'),

(119 ,'fsbc' , 'sandeep','ECE',65,'sandeep@gmail.com');

select \* from analyticsdb.student\_window

where student\_id > 100;

## ROW Function

select student\_id , student\_batch , student\_stream,students\_marks ,

row\_number() over(order by students\_marks) as 'row\_number' from student\_window;

Table

Description automatically generated

select \* from

(select student\_id , student\_batch , student\_stream,students\_marks ,

row\_number() over(partition by student\_batch

order by students\_marks desc) as 'row\_num'

from student\_window ) as test

where row\_num = 1

Table

Description automatically generated

select \* from

(select student\_id , student\_batch , student\_stream,students\_marks ,

row\_number() over(partition by student\_batch order by students\_marks desc) as 'row\_num'

from student\_window ) as test

where row\_num = 1

Table

Description automatically generated

## Rank Function

select \* from (select student\_id , student\_batch , student\_stream,students\_marks ,

row\_number() over(partition by student\_batch order by students\_marks desc) as 'row\_number',

rank() over(partition by student\_batch order by students\_marks desc ) as 'row\_rank'

from ineuron\_students ) as test ;

Table

Description automatically generated

## Dense Rank

select \* from (select student\_id , student\_batch , student\_stream,students\_marks ,

row\_number() over(partition by student\_batch order by students\_marks desc) as 'row\_number',

rank() over(partition by student\_batch order by students\_marks desc ) as 'row\_rank',

dense\_rank() over( partition by student\_batch order by students\_marks desc) as 'dense\_rank'

from ineuron\_students ) as test ;

