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|  |  |
|  | Use analyticsdb;  create table ineuron\_students( |
|  | 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 ineuron\_students values(119 ,'fsbc' , 'sandeep','ECE',65,'sandeep@gmail.com') |
|  |  |
|  | select \* from ineuron\_students |
|  |  |
|  |  |
|  | insert into ineuron\_students 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 ineuron\_students |
|  |  |
|  | select student\_batch ,sum(students\_marks) from ineuron\_students group by student\_batch |
|  | select student\_batch ,min(students\_marks) from ineuron\_students group by student\_batch |
|  | select student\_batch ,max(students\_marks) from ineuron\_students group by student\_batch |
|  | select student\_batch ,avg(students\_marks) from ineuron\_students group by student\_batch |
|  | select count(student\_batch) from ineuron\_students |
|  | select count(distinct student\_batch) from ineuron\_students |
|  | select student\_batch , count(\*) from ineuron\_students group by student\_batch |
|  |  |
|  |  |
|  | select \* from ineuron\_students |
|  | select max(students\_marks) from ineuron\_students where student\_batch='fsda' |
|  | select student\_name, student\_batch, max(students\_marks) from ineuron\_students group by student\_batch |
|  |  |
|  | select student\_name,max(students\_marks) from ineuron\_students where student\_batch='fsda' |
|  |  |
|  | select student\_name from ineuron\_students where students\_marks in |
|  | (select max(students\_marks) from ineuron\_students where student\_batch="fsda") |
|  |  |
|  | select student\_name from ineuron\_students where student\_batch='fsda' order by students\_marks DESC limit 2 |
|  |  |
|  | select \* from ineuron\_students |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 1,1; |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 1,1 |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 2,2 |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 2 , 1 |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 3, 1 |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 4 , 1 |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 5 , 1 |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 6 , 1 |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 3, 3 |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 3 |
|  |  |
|  | select \* from ineuron\_students where student\_batch = 'fsda' order by students\_marks desc limit 2, 3 |
|  |  |
|  |  |
|  | select \* from ineuron\_students where students\_marks =( |
|  | select min(students\_marks) from |
|  | (select students\_marks from ineuron\_students |
|  | where student\_batch ="fsda" |
|  | order by students\_marks desc |
|  | limit 3 ) as top); |
|  |  |
|  |  |
|  | select students\_marks from ineuron\_students |
|  | where student\_batch ="fsda" order by students\_marks desc limit 3 |
|  |  |
|  | select \* from ineuron\_students |
|  |  |
|  | select student\_id , student\_batch , student\_stream,students\_marks , |
|  | row\_number() over(order by students\_marks) as 'row\_number' from ineuron\_students |
|  |  |
|  | 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 ineuron\_students ) as test where row\_num = 1 |
|  |  |
|  | 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 ineuron\_students |
|  |  |
|  | select student\_id , student\_batch , student\_stream,students\_marks , |
|  | row\_number() over(order by students\_marks desc) as 'row\_number', |
|  | rank() over(order by students\_marks desc ) as 'row\_rank' |
|  | from ineuron\_students |
|  |  |
|  |  |
|  | 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 where row\_rank = 1 |
|  |  |
|  |  |
|  | 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 where `dense\_rank` = 3 |