

1 . Write a sql query to create view named as EmployeeView for those employee with role as "IT PROG". EmployeeView. contains id, first name, last name, role.

Answer:

create view Employeeview as

SELECT id,first_name,last_name,role

from employee

where role="it_prog";

2. Write a sql query to insert a new a new record in the EmployeeView as shown below.

Record to be inserted

Answer:

Important Note: While you can create a view based on an existing table, you cannot directly insert records into a view. Views are logical representations of data and don't store data themselves.

To insert a new record, you must insert it into the underlying base table, which in this case is the employee table. Here's the query to insert the new record:

insert into Employee

values (11,"piyush","Bansal",52000,2,"Data analyst");

3. Write a sql query to change the role of all employee from EmployeeView from "IT_PROG" to "IT_PROGRAMMER".

ANSWER:

CREATE VIEW EmployeeView as

select * from employee;

update employeeview set role="IT PROGRAMMER" where ROLE ="IT_PROG";

Result Grid		Filter Rows:		Export:	Wrap Cell Content:	
	id	first_name	last_name	salary	dept_id	role
▶	1	Rahul	Sharma	45000.00	1	IT PROGRAMMER
	2	Pratik	Gajne	67000.00	2	ML_ENGG
	3	Naresh	Bhatt	48000.00	1	IT PROGRAMMER
	4	Nisha	Shetty	65000.00	1	IT PROGRAMMER
	6	Niranjan	Pandey	43000.00	1	IT PROGRAMMER
	7	Simran	Mehta	56000.00	1	SUPPORT
	8	Vipul	Shekhawat	67000.00	2	SUPPORT
	9	Binay	Gosh	32000.00	1	IT PROGRAMMER
	10	Nitin	Rao	54000.00	2	TESTER

Write a query to delete a employee from EmployeeView with id=5.

ANSWER:

CREATE VIEW EmployeeView as

select * from employee;

delete from EmployeeView where id=5;

	id	first_name	last_name	salary	dept_id	role
▶	1	Rahul	Sharma	45000.00	1	IT_PROG
	2	Pratik	Gajne	67000.00	2	ML_ENGG
	3	Naresh	Bhatt	48000.00	1	IT_PROG
	4	Nisha	Shetty	65000.00	1	IT_PROG
	6	Niranjana	Pandey	43000.00	1	IT_PROG
	7	Simran	Mehta	56000.00	1	SUPPORT
	8	Vipul	Shekhawat	67000.00	2	SUPPORT
	9	Binay	Gosh	32000.00	1	IT_PROG
	10	Nitin	Rao	54000.00	2	TESTER

employeeView 11