

Q1:-

1	DS
1	Tableau
1	SQL
2	R
2	Power BI
1	Python

Command:-

show databases

create database linkdein

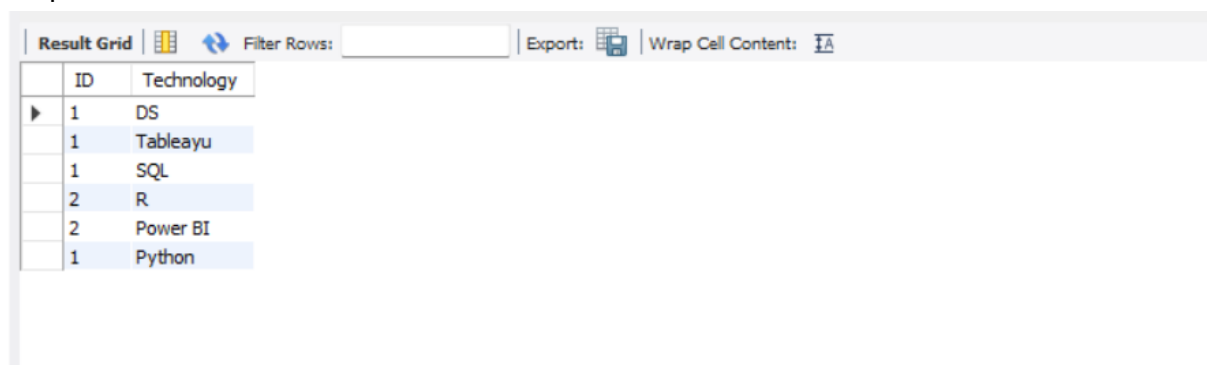
use linkdein

create table skill (ID int, Technology varchar(30));

insert into skill values (1,'DS'),(1,'Tableau'),(1,'SQL'),(2,'R'),(2,'Power BI'),(1,'Python')

select* from skill;

Output:-



	ID	Technology
▶	1	DS
	1	Tableau
	1	SQL
	2	R
	2	Power BI
	1	Python

Give the list of all the person which have the skill DS,Python,SQL

Query:- select ID from skill where Technology in ('DS','SQL','Python')

Output:-

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	ID			
▶	1			
	1			
	1			

Give the list of all the person which have the all the skill DS,Python,SQL

Query:-Select ID from skill where Technology='DS' and ID in (Select ID from skill where Technology='SQL') and ID in (Select ID from skill where Technology ='Python')

Output:-

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
	ID			
▶	1			

Q2:-

Product Info

ID	Name
1001	Blog
1002	Youtube
1003	Education

Product Info likes

User_Id	Page_Id	Likes_Date
1	1001	19/08/2022
2	1003	18/01/2022

create table pi (ID int ,Name varchar(30));

insert into pi values (1001,'Bloog'),('1002','Youtube'),('1003','Education')

create table pil (user_id int,pil_id int,like_date DATETIME)

insert into pil values (1,1001,'2022-08-19'),(2,1003,'2022-01-18')

Pi tale:-

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
ID	Name			
1001	Bloog			
1002	Youtube			
1003	Education			

Pil table:-

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
user_id	pil_id	like_date		
1	1001	2022-08-19 00:00:00		
2	1003	2022-01-18 00:00:00		

Give that id from the product info id which do not have any likes date

Query:- select pi.ID from pi left join pil on pi.id=pil.pil_id where pil.like_date IS NULL;

Output:-

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
ID				
1002				