

My SQL ASSIGNMENT-1

DATA BASE { Linked In }.

[ATS] → AI Tools

DS, Tableau, python, SQL

To list the candidates which possesses all the required SKILLS.

ID	Technology
1	DS
1	Tableau
1	SQL
2	R
2	PowerBI
1	Python

```

1 • create table Aitools(id integer,technology varchar(20));
2 • insert into Aitools values(1,"DS");
3 • insert into Aitools values(2,"Tableau");
4 • insert into Aitools values(1,"R");
5 • insert into Aitools values(2,"DS");
6 • insert into Aitools values(1,"SQL");
7 • insert into Aitools values(1,"Tableau");
8 • insert into Aitools values(2,"R");
9 • insert into Aitools values(2,"SQL");
10 • insert into Aitools values(3,"SQL");
11
12 • select id from aitools where technology="DS" and id IN(select id from aitools where technology="SQL" and id
13   IN(select id from aitools where technology="Tableau" and id IN(select id from aitools where technology="R")));
  
```

Result Grid

id
1
2

ECommerce Website

Product Info

Pr-Id	Product Name
1001	Blog
1002	Youtube
1003	Edu Weston

Facebook

Product Info Likes

usr_id	Pr-Id	liked_date
1	1001	19/01/2023
2	1003	18/01/2023

Query to return
Ids of the product
info that have 0 likes.

O/p 1002

```
1
2 • CREATE TABLE product_info (
3     pr_id INT PRIMARY KEY,
4     pr_name VARCHAR(255) NOT NULL
5 );
6 • insert into product_info values(1001,"blog");
7 • insert into product_info values(1002,"Youtube");
8 • insert into product_info values(1003,"edueston");
9 • CREATE TABLE product_info_lines (
10     usr_id INT NOT NULL,
11     pr_id INT REFERENCES product_info(pr_id),
12     liked_date DATE NOT NULL,
13     PRIMARY KEY (usr_id, pr_id)
14 );
15
16 • CREATE TABLE product_info_lines (
17     usr_id INT NOT NULL,
18     pr_id INT REFERENCES product_info(pr_id),
19     liked_date DATE NOT NULL,
20     PRIMARY KEY (usr_id, pr_id)
21 );
22
23 • insert into product_info_lines values(1,1001,'2023-08-19');
24 • insert into product_info_lines values(2,1003,'2023-01-18');
25
26 • SELECT pr_id FROM product_info WHERE pr_id NOT IN (SELECT DISTINCT pr_id FROM product_info_lines);
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```

Result Grid

pr_id
1002
NULL