Data Lemur – Data Science skills (Easy)

Question

Given a table of candidates and their skills, you're tasked with finding the candidates best suited for an open Data Science job. You want to find candidates who are proficient in Python, Tableau, and PostgreSQL.

Write a SQL query to list the candidates who possess all of the required skills for the job. Sort the the output by candidate ID in ascending order.

**Assumption:**

* There are no duplicates in the candidate's table.

### **candidates Table:**

|  |  |
| --- | --- |
| **Column Name** | **Type** |
| candidate\_id | integer |
| skill | varchar |

### **candidates Example Input:**

|  |  |
| --- | --- |
| **candidate\_id** | **skill** |
| 123 | Python |
| 123 | Tableau |
| 123 | PostgreSQL |
| 234 | R |
| 234 | PowerBI |
| 234 | SQL Server |
| 345 | Python |
| 345 | Tableau |

### **Example Output:**

|  |
| --- |
| **candidate\_id** |
| 123 |

Solution

SELECT DISTINCT candidate\_id FROM candidates

WHERE skill IN('Python','Tableau','PostgreSQL')

GROUP BY candidate\_id

HAVING COUNT(\*) = 3

ORDER BY candidate\_id