Obtenga las personas (todos sus datos personales) que practican todos los deportes.

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo ← Acá va el divisor · Selector de fracasos!!!

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND

prac.dni = pers.dni ← Acá va el dividendo

)

);

Pers

dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

Pers

	dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

	dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

De momento para la persona dni 4022233 no encuentra un deporte que no practique

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND prac.dni = pers.dni

)

La subconsulta devuelve tupla → not exists falso

);

Dni	Codd	Codc
40222333	D01	100

Pers

dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
D01	Fútbol	Balón
D04	Tenis	Balón
D06	Kitesurf	Agua

Prac

dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
40222333	D01	100
40222333	D04	200
40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND prac.dni = pers.dni

)

);

De momento para la persona dni 4022233 no encuentra un deporte que no practique

La subconsulta devuelve tupla → not exists falso

Dni	Codd	Codc
40222333	D04	200

Pers

	dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

	dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo   Para la persona dni 4022233 no encuentra un deporte que no practique

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND prac.dni = pers.dni

)   La subconsulta devuelve tupla → not exists falso

);

Dni	Codd	Codc
40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND

prac.dni = pers.dni

)

);

La persona dni 4022233 practica todos los deportes

La subconsulta no devuelve tupla → not exists verdadero

Para la persona dni 4022233 no encuentra un deporte que no practique

La subconsulta devuelve tupla → not exists falso

dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
40222333	María Castro	F	28	Salta 560(N)	4305060	Capital

Pers

	dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

	dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

De momento para la persona dni 18498425 ha encontrado un deporte que no practica

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND

prac.dni = pers.dni

La subconsulta no devuelve tupla → not exists verdadero

)

);

	codd [PK] character varying (10)		nomd character varying (30)		clase character varying (30)	
1	D01		Fútbol		Balón	

Pers

	dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

	dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

De momento para la persona dni 18498425 ha encontrado un deporte que no practica

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND prac.dni = pers.dni

La subconsulta no devuelve tupla → not exists verdadero

)

);

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón

Pers

	dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333	María Castro	F	28	Salta 560(N)	4305060	Capital
2	18498425	Ana García	F	54	Salta 560(N)	4335566	Capital

Depo

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

Prac

	dni [PK] integer	codd [PK] character varying (10)	codc [PK] integer
1	40222333	D01	100
2	40222333	D04	200
3	40222333	D06	300

SELECT * FROM pers

WHERE NOT EXISTS(

SELECT * FROM depo

WHERE NOT EXISTS(

SELECT * FROM prac WHERE prac.codd = depo.codd AND

prac.dni = pers.dni

)

);

La persona dni 18498425 no practica todos los deportes

La subconsulta devuelve 3 tuplas → not exists falso

De momento para la persona dni 18498425 ha encontrado tres deporte que no practica

La subconsulta no devuelve tupla → not exists verdadero

	codd [PK] character varying (10)	nomd character varying (30)	clase character varying (30)
1	D01	Fútbol	Balón
2	D04	Tenis	Balón
3	D06	Kitesurf	Agua

SELECT * FROM pers
WHERE NOT EXISTS(
SELECT * FROM depo
WHERE NOT EXISTS(
SELECT * FROM prac WHERE prac.codd = depo.codd AND
prac.dni = pers.dni
)
);

dni [PK] integer	nom character varying (30)	sexo character varying (20)	edad integer	dir character varying (30)	tel integer	zona character varying (30)
1	40222333 María Castro	F	28	Salta 560(N)	4305060	Capital