

Reto 1

- ¿Cuál es el nombre de los empleados que realizaron cada venta?
- ¿Cuál es el nombre de los artículos que se han vendido?
- ¿Cuál es el total de cada venta?

work_session3* ejercicios_sesion2 ejercicios_sesion3

```

27 • DESCRIBE empleado;
28 • DESCRIBE venta;
29
30 • SELECT *
31 FROM empleado AS e
32 JOIN venta AS v
33 ON e.id_empleado = v.id_empleado;
34

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

| | id_empleado | id_puesto | nombre | apellido_paterno | apellido_materno | rfc | id_venta | id_articulo | id_empleado | clave | fecha |
|---|-------------|-----------|------------|------------------|------------------|---------------|----------|-------------|-------------|-----------|---------------------|
| ▶ | 569 | 871 | Arlana | Fanstone | Brothers | TARG400578M92 | 1 | 296 | 569 | 0228-3661 | 2019-11-15 00:00:00 |
| | 413 | 433 | Julanna | Gecke | Guille | WVT1176350P68 | 2 | 311 | 413 | 52125-277 | 2019-04-23 00:00:00 |
| | 765 | 427 | Maryellen | Parkisson | Itzkovici | HYWO934761B24 | 3 | 960 | 765 | 0049-0032 | 2019-08-31 00:00:00 |
| | 119 | 79 | Cad | Sambedge | Goulborn | EAGM298123A66 | 4 | 536 | 119 | 52125-277 | 2020-02-03 15:04:57 |
| | 90 | 258 | Michaeline | Stolli | Hamer | NLKQ487540S39 | 5 | 693 | 90 | 13107-062 | 2019-10-30 00:00:00 |
| | 835 | 965 | Courtney | Harston | Bowland | SVMX753070E78 | 6 | 135 | 835 | 0049-0032 | 2020-02-03 15:05:27 |
| | 369 | 339 | Giuditta | Chicchetto | Helbeck | NMFW494417N54 | 7 | 963 | 369 | 47335-894 | 2019-06-08 00:00:00 |

Result 18 x

work_session3* ejercicios_sesion2 ejercicios_sesion3

```

41 ON v.id_articulo = a.id_articulo
42 GROUP BY v.clave;
43
44 • SELECT *
45 FROM venta AS v
46 JOIN articulo a
47 ON v.id_articulo = a.id_articulo;
48

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

| | id_venta | id_articulo | id_empleado | clave | fecha | id_articulo | nombre | precio | iva | cantidad |
|---|----------|-------------|-------------|-----------|---------------------|-------------|------------------------------|---------|---------|----------|
| ▶ | 1 | 296 | 569 | 0228-3661 | 2019-11-15 00:00:00 | 296 | Cake - Cake Sheet Macaroon | 3714.37 | 153.72 | 260 |
| | 2 | 311 | 413 | 52125-277 | 2019-04-23 00:00:00 | 311 | Beans - Long, Chinese | 1157.42 | 600.53 | 100 |
| | 3 | 960 | 765 | 0049-0032 | 2019-08-31 00:00:00 | 960 | Beef - Rib Roast, Capless | 4788.24 | 265.71 | 958 |
| | 4 | 536 | 119 | 52125-277 | 2020-02-03 15:04:57 | 536 | Langers - Ruby Red Grapfruit | 4786.97 | 646.62 | 63 |
| | 5 | 693 | 90 | 13107-062 | 2019-10-30 00:00:00 | 693 | Filter - Coffee | 5816.84 | 1072.16 | 462 |
| | 6 | 135 | 835 | 0049-0032 | 2020-02-03 15:05:27 | 135 | Corn Meal | 5066.16 | 416.38 | 771 |
| | 7 | 963 | 369 | 47335-894 | 2019-06-08 00:00:00 | 963 | Wine - White, Pelee Island | 2735.46 | 675.08 | 877 |

Result 19 x

work_session3* ejercicios_sesion2 ejercicios_sesion3

```

35 • SELECT * FROM articulo;
36 • SELECT * FROM venta;
37
38 • SELECT v.clave, round(sum(a.precio),2)
39 FROM venta v
40 JOIN articulo a
41 ON v.id_articulo = a.id_articulo
42 GROUP BY v.clave;

```

Result Grid | Filter Rows: | Export: |

| | clave | round(sum(a.precio),2) |
|---|------------|------------------------|
| ▶ | 0228-3661 | 3714.37 |
| | 52125-277 | 340582.65 |
| | 0049-0032 | 321524.61 |
| | 13107-062 | 249071.46 |
| | 47335-894 | 223650.32 |
| | 51655-951 | 190821.21 |
| | 52380-1865 | 162361.13 |

Result 22 x

Reto 2

- Obtener el puesto de un empleado.
- Saber qué artículos ha vendido cada empleado.
- Saber qué puesto ha tenido más ventas.

work_session3* ejercicios_sesion2 ejercicios_sesion3

Limit to 1000 rows

```
89 • CREATE VIEW eve1_535 AS
90 (SELECT p.nombre, concat(e.nombre, ' ', e.apellido_paterno) empleado
91 FROM empleado e
92 JOIN puesto p
93 ON e.id_puesto = p.id_puesto
94 LIMIT 1);
95
96 • SELECT *
97 FROM eve1_535;
```

Result Grid

| nombre | empleado |
|------------------|---------------------|
| Product Engineer | Enrichetta Bodechon |

work_session3* ejercicios_sesion2 ejercicios_sesion3

Limit to 1000 rows










```
107 • CREATE VIEW eve2_535 AS
108 (SELECT concat(e.nombre, ' ', e.apellido_paterno, e.apellido_materno) empleado, a.nombre producto
109 FROM venta v
110 JOIN articulo a
111 ON v.id_articulo = a.id_articulo
112 JOIN empleado e
113 ON v.id_empleado = e.id_empleado);
114 • SELECT *
115 FROM eve2_535;
```

Result Grid

| empleado | producto |
|------------------------------|------------------------------|
| Arlana FanstoneBrothers | Cake - Cake Sheet Macaroon |
| Julianna GeckeGuille | Beans - Long, Chinese |
| Maryellen ParkissonItzkovici | Beef - Rib Roast, Capless |
| Cad SambedgeGoulborn | Langers - Ruby Red Grapfruit |
| Michaeline StollHamer | Filter - Coffee |

eve2_535 40

work_session3* ejercicios_sesion2 ejercicios_sesion3






Limit to 1000 rows

```
133 JOIN puesto p
134     ON e.id_puesto = p.id_puesto
135 JOIN venta v
136     ON e.id_empleado = v.id_empleado
137 GROUP BY p.nombre
138 ORDER BY ventas DESC);
139
140 • DROP VIEW eve3_535;
141
142 • SELECT *
143 FROM eve4_535;
```

<

Result Grid

 Filter Rows:

Export:  Wra

| | nombre | ventas |
|---|--------------------------------------|--------|
| ▶ | Physical Therapy Assistant | 23 |
| | Business Systems Development Analyst | 22 |
| | Research Associate | 21 |
| | VP Quality Control | 21 |
| | Compensation Analyst | 21 |

eve4_535 59 x