

# Actividad @February 18, 2022

OBTENER LOS CUSTOMERS QUE ESTEN REGISTRADOS EN LA ZONA NORTE DE MÉXICO (comprende parte de los Estados de Aguascalientes, Jalisco (Centro y Altos de Jalisco), Guanajuato, Querétaro, San Luis Potosí, Michoacán (Fanja Norte) y Zacatecas.)

```
select * from customers where state in ('AG', 'JA', 'GT', 'QT', 'SL', 'MI', 'ZA');
```

|   | id   | first_name | last_name | birth_date | phone        | adress                 | city           | state | points |
|---|------|------------|-----------|------------|--------------|------------------------|----------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18 | Aguascalientes | AG    | 2273   |
|   | 7    | Valeria    | Martínez  | 1964-08-30 | 615-641-4759 | 50 Lillian Crossing    | Queretaro      | QT    | 1672   |
|   | 8    | Sofia      | Pérez     | 1993-07-17 | 941-527-3977 | AZALEA NO. 709         | San Luis       | SL    | 205    |
|   | 10   | Victoria   | Sánchez   | 1969-10-13 | 404-246-3370 | CALLE 3 NO. 41 NO. B   | Zacatecas      | ZA    | 796    |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                   | NULL           | NULL  | NULL   |

OBTENER LOS CLIENTES REGISTRADOS EN ZONAS QUE NO SEAN NORTE NI BAJIO

```
select * from customers where state not in ('AG', 'JA', 'GT', 'QT', 'SL', 'MI', 'ZA') and state not in ('BC', 'BS', 'CO', 'CH', 'DU', 'NL', 'SI', 'SO', 'TA', 'ZA');
```

|   | id   | first_name | last_name | birth_date | phone        | adress                       | city             | state | points |
|---|------|------------|-----------|------------|--------------|------------------------------|------------------|-------|--------|
| ▶ | 4    | Amara      | Limon     | 1974-04-14 | 407-231-8017 | AV AGUASCALIENTES SUR 217    | Ciudad de México | CX    | 457    |
|   | 6    | María      | García    | 1991-09-04 | 312-480-8498 | REPUBLICA DE NICARAGUA N°605 | Puebla           | PU    | 3073   |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                         | NULL             | NULL  | NULL   |

OBTENER LOS CUSTOMERS QUE SEAN MILENIALS

```
select * from customers where extract(year from birth_date) between 1980 and 2000
```

|   | id   | first_name | last_name | birth_date | phone        | adress                       | city                | state | points |
|---|------|------------|-----------|------------|--------------|------------------------------|---------------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18       | Aguascalientes      | AG    | 2273   |
|   | 2    | Ines       | Gomez     | 1986-04-13 | 804-427-9456 | CAMPANA NO. 1708             | Baja California Nte | BC    | 947    |
|   | 3    | Alfredo    | Borges    | 1985-02-07 | 719-724-7869 | RIO SALINAS NO. 1118         | Baja California Sur | BS    | 2967   |
|   | 6    | María      | García    | 1991-09-04 | 312-480-8498 | REPUBLICA DE NICARAGUA N°605 | Puebla              | PU    | 3073   |
|   | 8    | Sofia      | Pérez     | 1993-07-17 | 941-527-3977 | AZALEA NO. 709               | San Luis            | SL    | 205    |
|   | 9    | Renata     | Rodríguez | 1992-05-23 | 559-181-3744 | RICARTE 580 INT 2            | Sinaloa             | SI    | 1486   |
| ★ | NULL | NULL       | NULL      | NULL       | NULL         | NULL                         | NULL                | NULL  | NULL   |

## OBTENER LOS CUSTOMERS QUE SEAN GEN X

```
select * from customers where extract(year from birth_date) between 1965 and 1979
```

|   | id   | first_name | last_name | birth_date | phone        | adress                    | city             | state | points |
|---|------|------------|-----------|------------|--------------|---------------------------|------------------|-------|--------|
| ▶ | 4    | Amara      | Limon     | 1974-04-14 | 407-231-8017 | AV AGUASCALIENTES SUR 217 | Ciudad de México | CX    | 457    |
|   | 5    | Clemente   | Hernández | 1973-11-07 | NULL         | CIRCUITO ARCO SUR SN      | Chihuahua        | CH    | 3675   |
|   | 10   | Victoria   | Sánchez   | 1969-10-13 | 404-246-3370 | CALLE 3 NO. 41 NO. B      | Zacatecas        | ZA    | 796    |
| ★ | NULL | NULL       | NULL      | NULL       | NULL         | NULL                      | NULL             | NULL  | NULL   |

## OBTENER LOS CUSTOMERS QUE TENGAN MAS DE 500PTS Y MENOS DE 1500PTS

```
select * from customers where points between 501 and 1499;
```

|   | id   | first_name | last_name | birth_date | phone        | adress               | city                | state | points |
|---|------|------------|-----------|------------|--------------|----------------------|---------------------|-------|--------|
| ▶ | 2    | Ines       | Gomez     | 1986-04-13 | 804-427-9456 | CAMPANA NO. 1708     | Baja California Nte | BC    | 947    |
|   | 9    | Renata     | Rodríguez | 1992-05-23 | 559-181-3744 | RICARTE 580 INT 2    | Sinaloa             | SI    | 1486   |
|   | 10   | Victoria   | Sánchez   | 1969-10-13 | 404-246-3370 | CALLE 3 NO. 41 NO. B | Zacatecas           | ZA    | 796    |
| ★ | NULL | NULL       | NULL      | NULL       | NULL         | NULL                 | NULL                | NULL  | NULL   |

## OBTENER LOS CUSTOMERS QUE SU APELLIDO INICIE CON 'L'

```
select * from customers where last_name regexp '^[Ll]';
```

|   | id   | first_name | last_name | birth_date | phone        | adress                    | city             | state | points |
|---|------|------------|-----------|------------|--------------|---------------------------|------------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18    | Aguascalientes   | AG    | 2273   |
|   | 4    | Amara      | Limon     | 1974-04-14 | 407-231-8017 | AV AGUASCALIENTES SUR 217 | Ciudad de México | CX    | 457    |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                      | NULL             | NULL  | NULL   |

OBTENER LOS CUSTOMERS QUE SU APELLIDO TERMINE CON 'Z'

```
select * from customers where last_name regexp '[zZ]$';
```

|   | id   | first_name | last_name | birth_date | phone        | adress                 | city                | state | points |
|---|------|------------|-----------|------------|--------------|------------------------|---------------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18 | Aguascalientes      | AG    | 2273   |
|   | 2    | Ines       | Gomez     | 1986-04-13 | 804-427-9456 | CAMPANA NO. 1708       | Baja California Nte | BC    | 947    |
|   | 5    | Clemente   | Hernández | 1973-11-07 | NULL         | CIRCUITO ARCO SUR SN   | Chihuahua           | CH    | 3675   |
|   | 7    | Valeria    | Martínez  | 1964-08-30 | 615-641-4759 | 50 Lillian Crossing    | Queretaro           | QT    | 1672   |
|   | 8    | Sofia      | Pérez     | 1993-07-17 | 941-527-3977 | AZALEA NO. 709         | San Luis            | SL    | 205    |
|   | 9    | Renata     | Rodríguez | 1992-05-23 | 559-181-3744 | RICARTE 580 INT 2      | Sinaloa             | SI    | 1486   |
|   | 10   | Victoria   | Sánchez   | 1969-10-13 | 404-246-3370 | CALLE 3 NO. 41 NO. B   | Zacatecas           | ZA    | 796    |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                   | NULL                | NULL  | NULL   |

OBTENER LOS CUSTOMERS QUE SU APELLIDO CONTENGA UNA 'R'

```
select * from customers where last_name regexp 'r';
```

|   | id   | first_name | last_name | birth_date | phone        | adress                       | city                | state | points |
|---|------|------------|-----------|------------|--------------|------------------------------|---------------------|-------|--------|
| ▶ | 3    | Alfredo    | Borges    | 1985-02-07 | 719-724-7869 | RIO SALINAS NO. 1118         | Baja California Sur | BS    | 2967   |
|   | 5    | Clemente   | Hernández | 1973-11-07 | NULL         | CIRCUITO ARCO SUR SN         | Chihuahua           | CH    | 3675   |
|   | 6    | María      | García    | 1991-09-04 | 312-480-8498 | REPUBLICA DE NICARAGUA N°605 | Puebla              | PU    | 3073   |
|   | 7    | Valeria    | Martínez  | 1964-08-30 | 615-641-4759 | 50 Lillian Crossing          | Queretaro           | QT    | 1672   |
|   | 8    | Sofia      | Pérez     | 1993-07-17 | 941-527-3977 | AZALEA NO. 709               | San Luis            | SL    | 205    |
|   | 9    | Renata     | Rodríguez | 1992-05-23 | 559-181-3744 | RICARTE 580 INT 2            | Sinaloa             | SI    | 1486   |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                         | NULL                | NULL  | NULL   |

OBTENER LOS CUSTOMERS QUE SU APELLIDO CONSTE DE 5 LETRAS

```
select * from customers where last_name regexp '^.....$';
```

|   | id   | first_name | last_name | birth_date | phone        | adress                    | city                | state | points |
|---|------|------------|-----------|------------|--------------|---------------------------|---------------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18    | Aguascalientes      | AG    | 2273   |
|   | 2    | Ines       | Gomez     | 1986-04-13 | 804-427-9456 | CAMPANA NO. 1708          | Baja California Nte | BC    | 947    |
|   | 4    | Amara      | Limon     | 1974-04-14 | 407-231-8017 | AV AGUASCALIENTES SUR 217 | Ciudad de México    | CX    | 457    |
|   | 8    | Sofia      | Pérez     | 1993-07-17 | 941-527-3977 | AZALEA NO. 709            | San Luis            | SL    | 205    |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                      | NULL                | NULL  | NULL   |

OBTENER LAS OFICINAS QUE SE ENCUENTREN EN UNA AVENIDA

```
select * from offices where address regexp 'av';
```

|   | id   | address                                     | city      | states |
|---|------|---|-----------|--------|
| ▶ | 4    | AV CAMELINAS NO. 2160, BOSQUE CAMELINAS...  | Chiapas   | CS     |
|   | 5    | AV. GUERRERO NO. 3500, SAN LUIS RIO COLO... | Chihuahua | CH     |
| * | NULL | NULL  | NULL      | NULL   |

OBTENER LOS CUSTOMERS CUYO NOMBRE EMPIECE CON MA,VA O BA

```
select * from customers where first_name regexp '[mva]a';
```

|   | id   | first_name | last_name | birth_date | phone        | adress                       | city             | state | points |
|---|------|------------|-----------|------------|--------------|------------------------------|------------------|-------|--------|
| ▶ | 1    | Barbara    | Lopez     | 1986-03-28 | 962-625-7744 | CENTRAL PONIENTE NO 18       | Aguascalientes   | AG    | 2273   |
|   | 4    | Amara      | Limon     | 1974-04-14 | 407-231-8017 | AV AGUASCALIENTES SUR 217    | Ciudad de México | CX    | 457    |
|   | 6    | María      | García    | 1991-09-04 | 312-480-8498 | REPUBLICA DE NICARAGUA N°605 | Puebla           | PU    | 3073   |
|   | 7    | Valeria    | Martínez  | 1964-08-30 | 615-641-4759 | 50 Lillian Crossing          | Queretaro        | QT    | 1672   |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL                         | NULL             | NULL  | NULL   |

OBTENER LOS CUSTOMERS CUYO NOMBRE TERMINEN CON CON EZ O ES

```
select * from customers where first_name regexp 'e[zs]$';
```

|   | id   | first_name | last_name | birth_date | phone        | adress           | city                | state | points |
|---|------|------------|-----------|------------|--------------|------------------|---------------------|-------|--------|
| ▶ | 2    | Ines       | Gomez     | 1986-04-13 | 804-427-9456 | CAMPANA NO. 1708 | Baja California Nte | BC    | 947    |
| * | NULL | NULL       | NULL      | NULL       | NULL         | NULL             | NULL                | NULL  | NULL   |