CONSULTAS

1. ¿Cuál es la orden con un total máximo en dinero?

```
-- consulta 1 --
select orderid, sum(price* quantity)as totalprice
  from orden
  group by orderid
  order by totalprice desc
  limit 1;
```

Output pane

Data Output | Explain | Messages | History

	orderid integer	totalprice numeric
1	6145	588.75

2. ¿Quién es el cliente que ha comprado más?

```
--------------CONSULTA 2-----------------------

SELECT  C.CUSTOMERID,C.FIRSTNAME,SUM(O.PRICE* O.QUANTITY) AS TOTALPRICE
FROM ORDEN O , CLIENTE C WHERE C.CUSTOMERID = O.CUSTOMERID
GROUP BY C.CUSTOMERID,C.FIRSTNAME
ORDER BY TOTALPRICE DESC
LIMIT 1;
```

tput pane

Data Output | Explain | Messages | History

	customerid integer	firstname character varying(50)	totalprice numeric
1	19887	HUCQKX	1894.13

3. ¿Cuál es el país que menos ha comprado?

```
------------- CONSULTA 3 ----------------------

SELECT C.COUNTRY_ID,CO.COUNTRY,SUM(O.QUANTITY*O.PRICE) AS TOTALPRICE FROM ORDEN O,CLIENTE C,PAIS CO
WHERE O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = CO.COUNTRY_ID
GROUP BY C.COUNTRY_ID,CO.COUNTRY
ORDER BY TOTALPRICE
LIMIT 1;
```

tput pane

Data Output | Explain | Messages | History

	country_id bigint	country character varying(50)	totalprice numeric
1	7	Japan	110226.98

4. ¿Cuáles son los números de los clientes que más han comprado de Estados Unidos?

```
---------- CONSULTA 4 ----------
SELECT CUSTOMERID,COUNT(ORDERID)AS ORDENES,SUM(TOTALPRICE)AS TOTAL FROM(
SELECT O.ORDERID,O.CUSTOMERID,SUM(O.QUANTITY*O.PRICE) AS TOTALPRICE FROM ORDEN O,CLIENTE C
WHERE O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = 11
GROUP BY O.CUSTOMERID,O.ORDERID) T1
GROUP BY CUSTOMERID
ORDER BY TOTAL DESC
```

Output pane

Data Output | Explain | Messages | History

	customerid integer	ordenes bigint	total numeric
1	9315	5	1424.27
2	6869	4	1275.37
3	7695	5	1230.34
4	3929	5	1171.44
5	4636	5	1118.46
6	7090	4	1113.48
7	6704	5	1108.44
8	9526	4	1099.41
9	5608	3	1098.44
10	5311	3	1046.53
11	2846	5	1039.53
12	8730	2	1033.55
13	7515	3	1015.49
14	937	4	1011.53
15	6426	3	1002.47
16	4604	3	975.54

5. ¿Cuál es el mes que tiene más ventas en dinero?

```
---------- CONSULTA 5 ----------------------


SELECT  EXTRACT(MONTH FROM orderdate)AS MONTHS,SUM(QUANTITY*PRICE) AS TOTAL FROM ORDEN
GROUP BY MONTHS
ORDER BY TOTAL DESC
LIMIT 1;
```

Output pane

Data Output | Explain | Messages | History

	months double precision	total numeric
1	10	206283.36

6. ¿Cuáles son los cinco días más rentables?

```
----------- CONSULTA 6 -----------------------
SELECT  EXTRACT(DAY FROM orderdate)AS DAYS,SUM(QUANTITY*PRICE)AS TOTAL FROM ORDEN
GROUP BY DAYS
ORDER BY TOTAL DESC
LIMIT 5;
```

utput pane

	Data Output	Explain	Messages	History

	days double precision	total numeric
1	27	86634.14
2	28	85805.17
3	24	85178.84
4	17	84953.46
5	20	83639.72

7. En promedio, ¿Cuáles son los cinco días más rentables?

```
----------- CONSULTA 7 -----------------------
SELECT  EXTRACT(DAY FROM orderdate)AS DAYS,AVG(QUANTITY*PRICE)AS TOTAL FROM ORDEN
GROUP BY DAYS
ORDER BY TOTAL DESC
LIMIT 5;
```

tput pane

	Data Output	Explain	Messages	History

	days double precision	total numeric
1	2	40.6085452586206897
2	9	40.6062757926522396
3	26	40.5805400098183603
4	15	40.5269198088157196
5	28	40.5123559962228517

8. ¿Cuál es la categoría más vendida y la menos vendida?

```
------------------CONSULTA 8 -------------------------------------
SELECT C.CATEGORYNAME , LT.SUM AS TOTAL    FROM (
SELECT T1.CATEGORY,T1.SUM FROM (
  SELECT SUM(O.PRICE * O.QUANTITY),P.CATEGORY FROM
  ORDEN O, PRODUCTO P
  WHERE P.PROD_ID = O.PROD_ID
  GROUP BY P.CATEGORY) AS T1
WHERE T1.SUM = (SELECT MAX(T2.SUM) FROM(SELECT SUM(O.PRICE * O.QUANTITY)
  FROM ORDEN O, PRODUCTO P WHERE P.PROD_ID = O.PROD_ID GROUP BY P.CATEGORY)T2 ) OR
T1.SUM =(SELECT MIN(T2.SUM) FROM(SELECT SUM(O.PRICE * O.QUANTITY),P.CATEGORY FROM
  ORDEN O, PRODUCTO P WHERE P.PROD_ID = O.PROD_ID
  GROUP BY P.CATEGORY)T2 ))LT , CATEGORIA C
  WHERE LT.CATEGORY = C.CATEGORY
```

utput pane

Data Output | Explain | Messages | History

	categoryname character varying(50)	total numeric
1	Classics	160710.93
2	Horror	139359.25

9. ¿Cuál es el país que más ha vendido y el que menos ha vendido

```
------------------ CONSULTA 9 --------------------------------
SELECT COUNTRY_ID,COUNTRY,TOTALPRICE FROM (
  SELECT C.COUNTRY_ID,CO.COUNTRY,SUM(O.QUANTITY*O.PRICE) AS TOTALPRICE
  FROM ORDEN O,CLIENTE C,PAIS CO
  WHERE O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = CO.COUNTRY_ID
  GROUP BY C.COUNTRY_ID,CO.COUNTRY
  ORDER BY TOTALPRICE ) AS T
WHERE T.TOTALPRICE IN (
SELECT MIN(T1.TOTALPRICE) FROM(
  SELECT C.COUNTRY_ID,CO.COUNTRY,SUM(O.QUANTITY*O.PRICE) AS TOTALPRICE
  FROM ORDEN O,CLIENTE C,PAIS CO
  WHERE O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = CO.COUNTRY_ID
  GROUP BY C.COUNTRY_ID,CO.COUNTRY)T1
  UNION
SELECT MAX(T1.TOTALPRICE) FROM(
  SELECT C.COUNTRY_ID,CO.COUNTRY,SUM(O.QUANTITY*O.PRICE) AS TOTALPRICE
  FROM ORDEN O,CLIENTE C,PAIS CO
  WHERE O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = CO.COUNTRY_ID
  GROUP BY C.COUNTRY_ID,CO.COUNTRY)T1)
```

tput pane

Data Output | Explain | Messages | History

	country_id bigint	country character varying(50)	totalprice numeric
1	7	Japan	110226.98
2	11	US	1192650.32

10. ¿Cuáles son los totales vendidos por mes en Chile?

```
---------------- CONSULTA 10 ----------------------------
SELECT  T.COUNTRY ,T.MONTHS, SUM(T.QUANTITY * T.PRICE) AS TOTAL FROM (
  SELECT O.ORDERID,O.QUANTITY,O.PRICE,EXTRACT(MONTH FROM O.ORDERDATE)AS MONTHS,P.COUNTRY_ID,P.COUNTRY
  FROM ORDEN O,CLIENTE C,PAIS P WHERE O.CUSTOMERID = C.CUSTOMERID  AND
  C.COUNTRY_ID = P.COUNTRY_ID AND C.COUNTRY_ID = (SELECT COUNTRY_ID FROM PAIS WHERE COUNTRY='Chile'))T
  WHERE T.MONTHS IN (SELECT DISTINCT EXTRACT(MONTH FROM ORDERDATE) AS MONTHS FROM ORDEN ORDER BY MONTHS ASC)
  GROUP BY T.COUNTRY,T.MONTHS
  ORDER BY T.MONTHS ASC;
```

tput pane

Data Output | Explain | Messages | History

	country character varying(50)	months double precision	total numeric
1	Chile	1	10869.41
2	Chile	2	13225.31
3	Chile	3	9474.26
4	Chile	4	9045.47
5	Chile	5	10919.61
6	Chile	6	11023.65
7	Chile	7	7828.87
8	Chile	8	8923.59
9	Chile	9	10915.38
10	Chile	10	11012.45
11	Chile	11	10714.69
12	Chile	12	10940.78

11. ¿Cuáles son los totales por año y por país de la categoría comedia?

evious queries

```
---------------- CONSULTA 11 ----------------------------
SELECT T.COUNTRY,T.YEARS,SUM(T.QUANTITY*T.PRICE)AS TOTAL FROM (
  SELECT C.COUNTRY_ID,PA.COUNTRY, O.QUANTITY,O.PRICE,P.CATEGORY,
  EXTRACT(YEAR FROM O.ORDERDATE)AS YEARS FROM ORDEN O,PRODUCTO P,CLIENTE C,PAIS PA
  WHERE O.PROD_ID = P.PROD_ID AND O.CUSTOMERID = C.CUSTOMERID AND C.COUNTRY_ID = PA.COUNTRY_ID
  AND P.CATEGORY = (SELECT CATEGORY FROM CATEGORIA WHERE CATEGORYNAME = 'Comedy')) T
WHERE T.COUNTRY_ID IN(SELECT COUNTRY_ID FROM PAIS) AND T.YEARS =( SELECT DISTINCT
  EXTRACT (YEAR FROM ORDERDATE)AS ANIO FROM ORDEN)
  GROUP BY T.COUNTRY,T.YEARS
```

tput pane

Data Output | Explain | Messages | History

	country character varying(50)	years double precision	total numeric
1	Japan	2004	7048.47
2	Canada	2004	8156.95
3	UK	2004	6748.61
4	South Africa	2004	7481.21
5	Australia	2004	8003.91
6	China	2004	7427.09
7	France	2004	7526.16
8	Russia	2004	8226.03
9	Chile	2004	7403.30
10	US	2004	77099.33
11	Germany	2004	6654.56

12. ¿Cuáles son los totales vendidos por mes del vendedor 1 y categoría deportes?

SQL Editor | Graphical Query Builder

Previous queries

```
---------------- CONSULTA 12 ---------------------------
SELECT  T1.VENDOR_NAME,T1.CATEGORYNAME ,T1.MONTHS,SUM (T1.PRICE * T1.QUANTITY)AS TOTAL FROM (
SELECT V.VENDOR_NAME ,C.CATEGORYNAME, O.QUANTITY ,O.PRICE,EXTRACT(MONTH FROM O.ORDERDATE)AS MONTHS
FROM ORDEN O , PRODUCTO P,CATEGORIA C , VENDEDOR V WHERE O.PROD_ID = P.PROD_ID  AND O.VENDOR_ID = 1 AND
P.CATEGORY = (SELECT category from CATEGORIA WHERE categoryname = 'Sports') AND P.CATEGORY = C.CATEGORY
AND O.VENDOR_ID = V.VENDOR_ID )T1
WHERE  T1.MONTHS IN (SELECT DISTINCT EXTRACT(MONTH FROM ORDERDATE) AS MONTHS FROM ORDEN ORDER BY MONTHS ASC)
GROUP BY T1.VENDOR_NAME,T1.CATEGORYNAME,T1.MONTHS ORDER BY T1.MONTHS ASC
```

Output pane

Data Output | Explain | Messages | History

	vendor_name text	categoryname character varying(50)	months double precision	total numeric
1	vendor1	Sports	1	84.97
2	vendor1	Sports	2	114.94
3	vendor1	Sports	3	125.94
4	vendor1	Sports	4	51.98
5	vendor1	Sports	5	85.95
6	vendor1	Sports	6	195.92
7	vendor1	Sports	7	146.93
8	vendor1	Sports	8	276.87
9	vendor1	Sports	9	89.94
10	vendor1	Sports	10	148.93
11	vendor1	Sports	11	32.97
12	vendor1	Sports	12	43.97

13. ¿Cuáles son los totales vendidos por categoría y por mes?

```
---------------- CONSULTA 13 ---------------------------
SELECT T1.*  FROM (
select c.categoryname as category,
sum(case when extract(MONTH FROM o.orderdate)= 1 then o.quantity*o.price else null end)ENERO,
sum(case when extract(MONTH FROM o.orderdate)= 2 then o.quantity*o.price else null end)FEBRERO,
sum(case when extract(MONTH FROM o.orderdate)= 3 then o.quantity*o.price else null end)MARZO,
sum(case when extract(MONTH FROM o.orderdate)= 4 then o.quantity*o.price else null end)ABRIL,
sum(case when extract(MONTH FROM o.orderdate)= 5 then o.quantity*o.price else null end)MAYO,
sum(case when extract(MONTH FROM o.orderdate)= 6 then o.quantity*o.price else null end)JUNIO,
sum(case when extract(MONTH FROM o.orderdate)= 7 then o.quantity*o.price else null end)JULIO,
sum(case when extract(MONTH FROM o.orderdate)= 8 then o.quantity*o.price else null end)AGOSTO,
sum(case when extract(MONTH FROM o.orderdate)= 9 then o.quantity*o.price else null end)SEPTIEMBRE,
sum(case when extract(MONTH FROM o.orderdate)= 10 then o.quantity*o.price else null end)OCTUBRE,
sum(case when extract(MONTH FROM o.orderdate)= 11 then o.quantity*o.price else null end)NOVIEMBRE,
sum(case when extract(MONTH FROM o.orderdate)= 12 then o.quantity*o.price else null end)DICIEMBRE,
sum(case when extract(MONTH FROM o.orderdate)>=1 AND extract(MONTH FROM o.orderdate) <=12 then o.quantity*o.price else null end)SUBTOTAL
from orden o, producto p,categoria c
where o.prod_id= p.prod_id and c.category = p.category
group by c.categoryname
UNION
select 'TTOTAL' as TOTAL,
sum(case when extract(MONTH FROM o.orderdate)= 1 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 2 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 3 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 4 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 5 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 6 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 7 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 8 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 9 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 10 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 11 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)= 12 then o.quantity*o.price else null end),
sum(case when extract(MONTH FROM o.orderdate)>=1 AND extract(MONTH FROM o.orderdate) <=12 then o.quantity*o.price else null end)
from orden o, producto p
where o.prod_id= p.prod_id ) T1
ORDER BY T1.CATEGORY
```

	category character varying	enero numeric	febrero numeric	marzo numeric	abril numeric	mayo numeric	junio numeric	julio numeric	agosto numeric	septiembre numeric	octubre numeric	noviembre numeric	diciembre numeric	subtotal numeric
1	Action	11661.28	12763.53	12166.78	11764.91	12050.77	13032.36	12506.56	11662.03	11668.00	12860.37	12628.74	13322.42	148087.75
2	Animation	14141.92	12328.70	13069.48	10967.42	13513.32	14089.93	12026.91	13066.51	11569.13	13489.25	11424.06	12987.47	152674.10
3	Children	13356.30	14251.73	13038.56	13325.42	12825.65	12549.65	12290.85	12312.80	12903.55	10999.45	12514.64	12683.90	153052.50
4	Classics	13276.63	14733.93	13713.36	12987.86	13830.25	13380.43	12880.62	12460.98	12742.76	14519.85	14158.07	12026.19	160710.93
5	Comedy	13895.25	13417.26	13308.28	12279.84	13256.42	11674.27	11929.05	12810.54	12227.96	12973.21	12725.35	11278.19	151775.62
6	Documentary	11455.40	13742.92	12600.70	12141.80	12909.83	12586.88	14413.76	13663.24	13281.39	14055.06	13250.43	13398.41	157499.82
7	Drama	12398.02	12747.72	11495.03	12243.95	12062.13	11534.45	11907.15	10783.76	11816.19	11548.31	12749.90	12152.73	143439.34
8	Family	12705.45	12440.00	13767.04	12441.70	13488.25	13559.25	11268.38	13036.55	12618.66	11898.05	13247.59	13366.19	153837.11
9	Foreign	13176.27	12365.42	13319.18	11530.14	13878.10	12892.42	14204.73	11602.24	12485.64	14233.65	12564.66	12947.35	155199.80
10	Games	12633.72	10951.59	13481.17	14978.52	12527.62	11734.13	12527.62	12886.57	13081.48	13593.24	11995.02	11465.26	151855.22
11	Horror	12199.73	9614.04	13002.52	10750.49	12662.54	12126.06	11269.24	12552.52	11298.30	11921.03	11049.40	10913.38	139359.25
12	Music	13110.49	12708.64	13910.37	13108.66	13348.56	12386.91	14566.89	12482.90	11684.20	13220.52	11336.57	12339.88	154204.59
13	New	11683.07	12133.77	11845.86	11977.82	11263.10	12535.73	13114.44	11671.09	12272.88	12592.40	10966.15	12783.41	144839.72
14	Sci-Fi	12789.75	11931.98	11806.00	12825.57	11148.12	13415.42	11445.26	11748.04	13396.12	13517.44	11970.03	10748.71	146742.44
15	Sports	12983.44	11045.56	12500.73	12195.05	11329.29	13234.51	12563.55	13287.27	12121.04	12263.75	11995.87	11942.14	147462.20
16	Travel	11205.38	13311.46	12395.91	12603.79	12498.79	12359.89	12078.71	12914.50	13455.35	12597.78	13160.36	12592.50	151174.42
17	TTOTAL		202672.10	200488.25	205420.97	198122.94	201799.25	203885.78	200993.00	198941.54	198622.65	206283.36	197736.84	196948.13	2411914.81

14. ¿Cuáles son los totales vendidos por país y por categoría?

```sql
---------------- CONSULTA 14 --------------------------
SELECT T.* FROM (
SELECT P.COUNTRY,
sum(case when PO.CATEGORY=1 then o.quantity*o.price else null end)ACCION,
sum(case when PO.CATEGORY=2 then o.quantity*o.price else null end)ANIMATION,
sum(case when PO.CATEGORY=3 then o.quantity*o.price else null end)CHILDREN,
sum(case when PO.CATEGORY=4 then o.quantity*o.price else null end)CLASSICS,
sum(case when PO.CATEGORY=5 then o.quantity*o.price else null end)COMEDY,
sum(case when PO.CATEGORY=6 then o.quantity*o.price else null end)DOCUMENTARY,
sum(case when PO.CATEGORY=7 then o.quantity*o.price else null end)DRAMA,
sum(case when PO.CATEGORY=8 then o.quantity*o.price else null end)FAMILIES,
sum(case when PO.CATEGORY=9 then o.quantity*o.price else null end)FOREIGNS,
sum(case when PO.CATEGORY=10 then o.quantity*o.price else null end)GAMES,
sum(case when PO.CATEGORY=11 then o.quantity*o.price else null end)HORROR,
sum(case when PO.CATEGORY=12 then o.quantity*o.price else null end)MUSIC,
sum(case when PO.CATEGORY=13 then o.quantity*o.price else null end)NEW,
sum(case when PO.CATEGORY=14 then o.quantity*o.price else null end)SCIFI,
sum(case when PO.CATEGORY=15 then o.quantity*o.price else null end)SPORTS,
sum(case when PO.CATEGORY=16 then o.quantity*o.price else null end)TRAVEL,
sum(case when PO.CATEGORY>=1 AND PO.CATEGORY <=16 then o.quantity*o.price else null end)SUBTOTAL
FROM ORDEN O,PRODUCTO PO,PAIS P,CLIENTE C WHERE O.PROD_ID= PO.PROD_ID AND O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = P.COUNTRY_ID
GROUP BY P.COUNTRY

UNION
SELECT 'ZTOTAL' AS TOTAL,
sum(case when PO.CATEGORY=1 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=2 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=3 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=4 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=5 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=6 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=7 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=8 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=9 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=10 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=11 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=12 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=13 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=14 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=15 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY=16 then o.quantity*o.price else null end),
sum(case when PO.CATEGORY>=1 AND PO.CATEGORY <=16 then o.quantity*o.price else null end)
FROM ORDEN O,PRODUCTO PO,PAIS P,CLIENTE C WHERE O.PROD_ID= PO.PROD_ID AND
O.CUSTOMERID= C.CUSTOMERID AND C.COUNTRY_ID = P.COUNTRY_ID) T
ORDER BY T.COUNTRY ASC
```

	country character varying	accion numeric	animation numeric	children numeric	classics numeric	comedy numeric	documentary numeric	drama numeric	families numeric	foreigns numeric	games numeric	horror numeric	music numeric	new numeric	scifi numeric	sports numeric	travel numeric	subtotal numeric
1	Australia	7607.15	8231.91	9161.57	8220.06	8003.91	7577.26	7589.20	8330.79	8256.87	9450.32	7076.32	8545.82	8269.74	8511.68	8144.96	9612.29	132589.85
2	Canada	7579.31	9273.17	8025.95	8831.54	8156.95	7725.12	7456.33	8367.82	8802.55	7482.20	6895.41	8639.71	7948.71	8404.81	8020.03	7800.03	129409.70
3	Chile	7406.30	7598.10	8842.68	6921.62	7403.30	8038.13	7164.48	8148.92	8771.57	7935.06	7800.05	8142.95	7286.16	7271.26	8334.79	7828.10	124893.47
4	China	7886.98	8255.92	7486.21	9197.46	7427.09	7124.48	8194.91	7845.96	7047.55	8500.86	6787.61	7440.40	7479.33	7831.23	7330.23	7696.22	123532.44
5	France	7804.02	7118.29	6922.58	8144.09	7526.16	7494.30	7885.09	8688.69	7415.05	7086.41	7341.35	7721.26	8197.90	7031.63	7057.47	8698.73	122133.02
6	Germany	7510.18	7679.14	7619.24	7932.02	6654.56	9152.41	6829.53	7352.42	6734.55	7842.24	7745.23	6398.90	6920.52	6677.75	6164.80	7076.40	116289.89
7	Japan	6764.50	5886.07	6605.78	7864.22	7048.47	7597.18	7344.42	7696.23	6902.62	6942.51	6365.92	7132.43	6099.81	6479.63	6761.66	6735.53	110226.98
8	Russia	7998.85	7019.61	7955.07	6679.80	8226.03	6851.52	6678.76	7135.49	7856.83	6646.53	7110.40	7462.32	7600.11	8140.95	7932.15	7929.98	119224.40
9	South Africa	7815.90	8610.80	7827.27	9424.57	7481.21	7052.42	8138.02	6913.54	8088.00	8285.71	7449.20	8542.94	7640.10	6605.53	7304.40	6982.50	124162.11
10	UK	7733.09	6975.54	7613.01	8404.09	6748.61	7800.06	6647.69	7064.39	8166.95	6492.74	6387.73	6596.70	8046.92	6802.78	7464.23	7858.10	116802.63
11	US	71981.47	76025.55	74993.14	79091.46	77099.33	81086.94	69510.91	76292.86	77157.26	75190.64	68400.03	77581.16	69350.36	72985.19	72947.48	72956.54	1192650.32
12	ZTOTAL	148087.75	152674.10	153052.50	160710.93	151775.62	157499.82	143439.34	153837.11	155199.80	151855.22	139359.25	154204.59	144839.72	146742.44	147462.20	151174.42	2411914.81

15. ¿Cuáles son los totales vendidos por los mejores 5 vendedores por categoría?

```sql
---------------- CONSULTA 15 --------------------------
SELECT TUDO.* FROM(
SELECT T1.* FROM(SELECT V.VENDOR_NAME AS VENDEDOR,
  sum(case when PO.CATEGORY=1 then o.quantity*o.price else null end)ACCION,
  sum(case when PO.CATEGORY=2 then o.quantity*o.price else null end)ANIMATION,
  sum(case when PO.CATEGORY=3 then o.quantity*o.price else null end)CHILDREN,
  sum(case when PO.CATEGORY=4 then o.quantity*o.price else null end)CLASSICS,
  sum(case when PO.CATEGORY=5 then o.quantity*o.price else null end)COMEDY,
  sum(case when PO.CATEGORY=6 then o.quantity*o.price else null end)DOCUMENTARY,
  sum(case when PO.CATEGORY=7 then o.quantity*o.price else null end)DRAMA,
  sum(case when PO.CATEGORY=8 then o.quantity*o.price else null end)FAMILIES,
  sum(case when PO.CATEGORY=9 then o.quantity*o.price else null end)FOREIGNS,
  sum(case when PO.CATEGORY=10 then o.quantity*o.price else null end)GAMES,
  sum(case when PO.CATEGORY=11 then o.quantity*o.price else null end)HORROR,
  sum(case when PO.CATEGORY=12 then o.quantity*o.price else null end)MUSIC,
  sum(case when PO.CATEGORY=13 then o.quantity*o.price else null end)NEW,
  sum(case when PO.CATEGORY=14 then o.quantity*o.price else null end)SCIFI,
  sum(case when PO.CATEGORY=15 then o.quantity*o.price else null end)SPORTS,
  sum(case when PO.CATEGORY=16 then o.quantity*o.price else null end)TRAVEL,
  sum(case when PO.CATEGORY>=1 AND PO.CATEGORY <=16 then o.quantity*o.price else null end)SUBTOTAL
  FROM ORDEN O , VENDEDOR V,PRODUCTO PO
  WHERE O.VENDOR_ID = V.VENDOR_ID AND O.PROD_ID = PO.PROD_ID
  GROUP BY V.VENDOR_NAME
  ORDER BY SUBTOTAL DESC
  LIMIT 5)T1
  UNION
  SELECT 'ZTOTAL' AS TOTAL,
sum(case when PO.CATEGORY=1 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=2 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=3 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=4 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=5 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=6 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=7 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=8 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=9 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=10 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=11 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=12 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=13 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=14 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=15 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY=16 then o.quantity*o.price else null end),
  sum(case when PO.CATEGORY>=1 AND PO.CATEGORY <=16 then o.quantity*o.price else null end)
  FROM ORDEN O , VENDEDOR V,PRODUCTO PO
  WHERE O.PROD_ID = PO.PROD_ID AND O.VENDOR_ID = V.VENDOR_ID
AND O.VENDOR_ID IN (SELECT T.VENDEDOR FROM (
  SELECT V.VENDOR_ID AS VENDEDOR,
  sum(case when PO.CATEGORY>=1 AND PO.CATEGORY <=16 then o.quantity*o.price else null end)SUBTOTAL
  FROM ORDEN O , VENDEDOR V,PRODUCTO PO WHERE O.VENDOR_ID = V.VENDOR_ID AND O.PROD_ID = PO.PROD_ID
  GROUP BY V.VENDOR_ID ORDER BY SUBTOTAL DESC LIMIT 5) T))TUDO
  ORDER BY TUDO.VENDEDOR
```

	vendedor text	accion numeric	animation numeric	children numeric	classics numeric	comedy numeric	documentary numeric	drama numeric	families numeric	foreigns numeric	games numeric	horror numeric	music numeric	new numeric	scifi numeric	sports numeric	travel numeric	subtotal numeric
1	vendor13	1780.12	2102.97	1450.21	1882.12	1819.17		1462.25	1330.43	2250.87	1895.08	1390.28	1326.30	1696.26	1331.31	1812.15	1669.20	1532.29	26731.01
2	vendor20	1538.13	1775.12	1513.23	2156.99	1778.11		1519.28	1072.44	1963.02	1739.18	1634.18	1747.15	1491.26	1650.13	1250.42	1330.34	2191.92	26350.90
3	vendor36	1992.03	1855.11	1511.25	2688.79	1883.02		1514.25	1018.49	1935.02	1662.12	1622.21	994.47	1370.32	1557.25	1791.12	1361.34	1860.07	26616.86
4	vendor86	1421.28	1898.06	1987.04	2364.89	1176.36		1753.16	1171.42	1449.22	1869.09	1121.42	1472.29	2312.86	1597.16	1711.19	1565.22	1672.18	26542.84
5	vendor94	1418.30	1888.07	1756.15	1317.31	1374.33		1259.38	2013.93	1372.30	1909.09	1494.24	1798.03	1830.10	1824.05	1796.11	1945.06	1960.06	26956.51
6	ZTOTAL	8149.86	9519.33	8217.88	10410.10	8030.99		7508.32	6606.71	8970.43	9074.56	7262.33	7338.24	8700.80	7959.90	8360.99	7871.16	9216.52	133198.12