

Apple Retail Sales SQL Project

Sales, Warranty & Performance Analysis using SQL



PostgreSQL

Robust relational database management system for enterprise-grade data storage



SQL

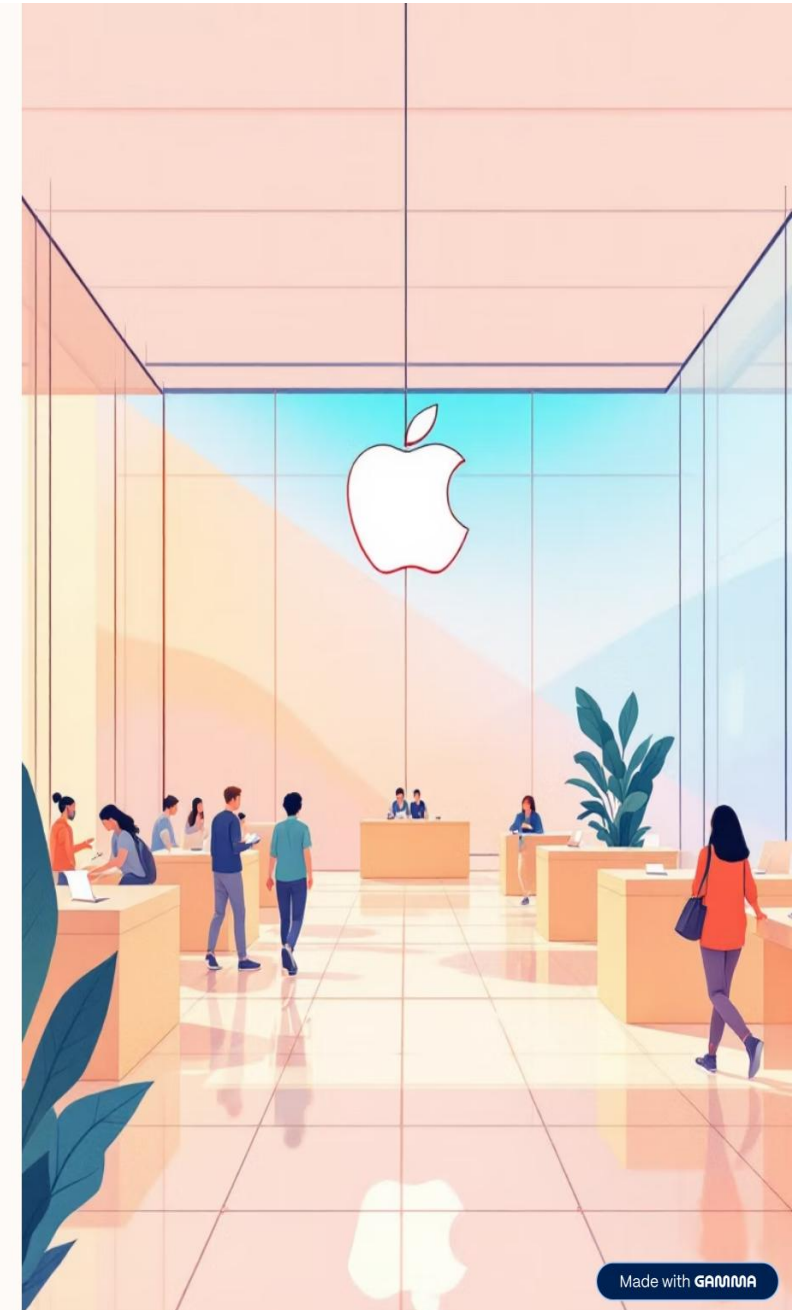
Structured query language for complex data analysis and reporting



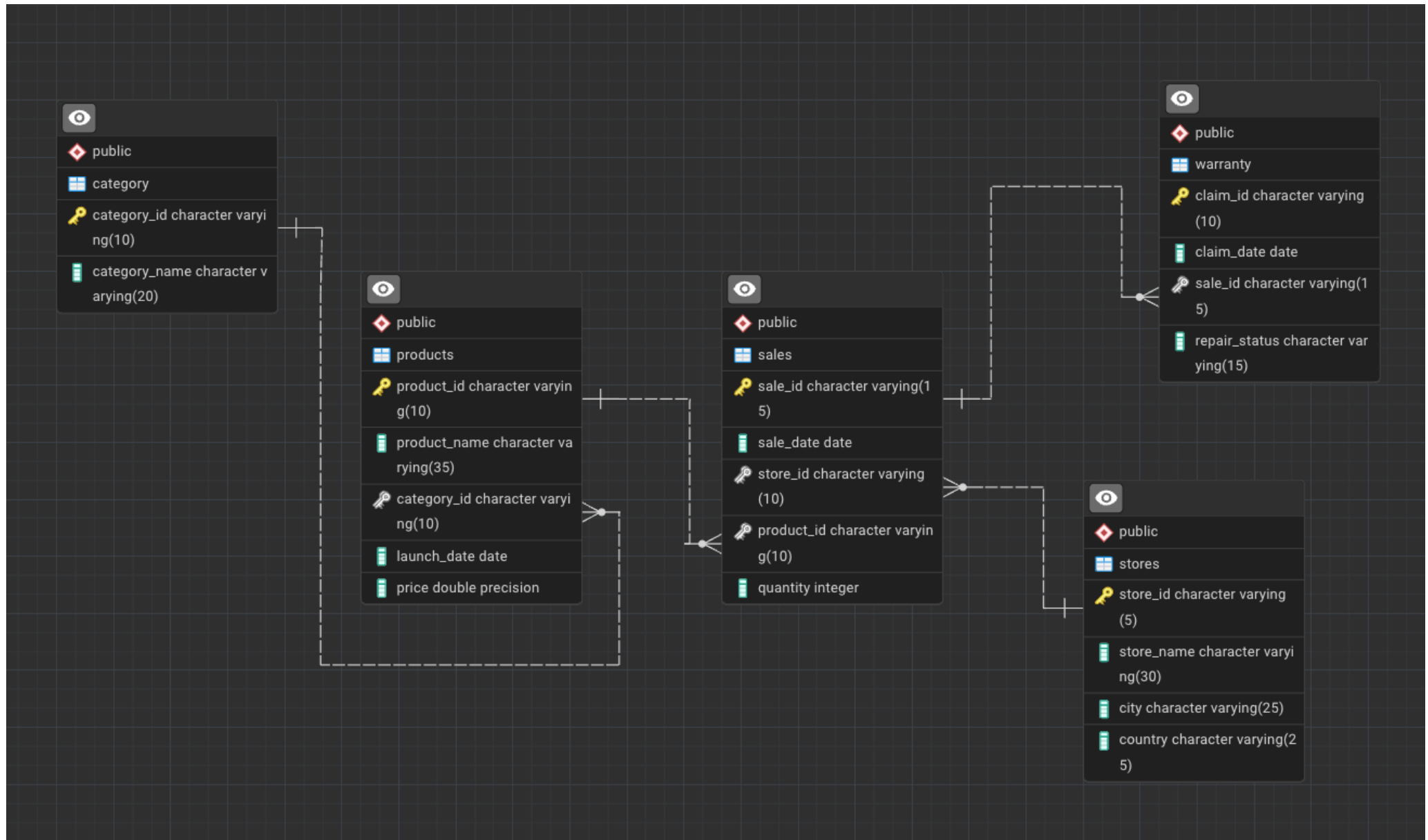
Data Analysis

Advanced analytical techniques to extract actionable business insights

Prepared by: **PRAVIN CHAVAN**



Database Schema :



```

22
23 --1. Find the number of stores in each country.
24 SELECT COUNTRY, COUNT(STORE_ID) AS TOTAL_STORES
25 FROM STORES
26 GROUP BY COUNTRY
27 ORDER BY TOTAL_STORES DESC;
28

```

Data Output Messages Notifications



	country character varying (25) 🔒	total_stores bigint 🔒
1	United States	15
2	Australia	7
3	China	7
4	Japan	6
5	Canada	5
6	UAE	5
7	United Kingdom	4
8	France	4
9	Germany	3
10	Mexico	3
11	Singapore	3
12	Thailand	3
13	South Korea	2
14	Colombia	2
15	Italy	2
16	Spain	1

Total rows: 19

Query complete 00:00:00.251

```

31
32 -- 2. Calculate the total number of units sold by each store.
33
34 SELECT S.STORE_ID, ST.STORE_NAME, SUM(S.QUANTITY) AS TOTAL_UNITS_SOLDS
35 FROM SALES AS S
36 JOIN STORES AS ST ON ST.STORE_ID = S.STORE_ID
37 GROUP BY S.STORE_ID, ST.STORE_ID
38 ORDER BY TOTAL_UNITS_SOLDS DESC;
39

```

Data Output Messages Notifications



	store_id character varying (10) 🔒	store_name character varying (30) 🔒	total_units_sold bigint 🔒
1	ST-56	Apple Southland	77795
2	ST-34	Apple Fukuoka	77787
3	ST-1	Apple Fifth Avenue	77689
4	ST-30	Apple Dubai Mall	77571
5	ST-24	Apple Kurfuerstendamm	77532
6	ST-39	Apple Taipei 101	77518
7	ST-75	Apple Beijing SKP	77482
8	ST-25	Apple Schildergasse	77385
9	ST-5	Apple SoHo	77186
10	ST-52	Apple Chadstone	77170
11	ST-12	Apple North Michigan Avenue	77152
12	ST-73	Apple Covent Garden	77115
13	ST-44	Apple Kyoto	77062
14	ST-36	Apple Nanjing East	77014
15	ST-70	Apple Gangnam	76987
16	ST-37	Apple Sanlitun	76870

Total rows: 75

Query complete 00:00:00.448

```
42  -- 3. Identify how many sales occurred in December 2023.
43
44  SELECT COUNT(SALE_ID) AS TOTAL_SALES
45  FROM SALES
46  WHERE TO_CHAR(SALE_DATE, 'MM-YYYY') = '12-2023';
47
```

Data Output Messages Notifications

	total_sales bigint
1	18076

```
55
56  --3.1 Total quantity sold in December 2023.
57  SELECT SUM(QUANTITY) AS TOTAL_SALES
58  FROM SALES
59  WHERE TO_CHAR(SALE_DATE, 'MM-YYYY') = '12-2023';
60
```

Data Output Messages Notifications

	total_sales bigint
1	99631

```

61 |
62 | -- 4. Determine how many stores have never had a warranty claim filed.
63 | SELECT COUNT(*)
64 | FROM STORES
65 | WHERE STORE_ID NOT IN (
66 | SELECT DISTINCT STORE_ID
67 | FROM SALES AS S
68 | RIGHT JOIN WARRANTY AS W ON S.SALE_ID = W.SALE_ID
69 | );

```

Data Output Messages Notifications



	count bigint	🔒
1	0	

```

76 | -- 5. Calculate the percentage of warranty claims marked as "Completed".
77 |
78 | SELECT (COUNT(*) * 100.0 / (SELECT COUNT(*) FROM WARRANTY))::NUMERIC
79 | FROM WARRANTY
80 | WHERE REPAIR_STATUS = 'Completed';
81 |

```

Data Output Messages Notifications



	numeric numeric	🔒
1	24.886666666666667	

```

77  -- 6. Identify which store had the highest total units sold in 2023.
78  SELECT ST.STORE_ID, ST.STORE_NAME, SUM(S.QUANTITY) AS TOTAL_UNITS_SOLD
79  FROM STORES AS ST
80  JOIN SALES AS S ON ST.STORE_ID = S.STORE_ID
81  WHERE EXTRACT(YEAR FROM S.SALE_DATE) = 2023
82  GROUP BY ST.STORE_ID, ST.STORE_NAME
83  ORDER BY TOTAL_UNITS_SOLD DESC
84  LIMIT 1;

```

Data Output Messages Notifications



	store_id [PK] character varying (5)	store_name character varying (30)	total_units_sold bigint
1	ST-14	Apple The Americana at Bra...	16461

```

86 -- 7. Count the number of unique products sold in the 2023.
87 SELECT DISTINCT S.PRODUCT_ID, P.PRODUCT_NAME
88 FROM SALES AS S
89 JOIN PRODUCTS AS P ON P.PRODUCT_ID = S.PRODUCT_ID
90 WHERE EXTRACT(YEAR FROM SALE_DATE) = 2023;

```

Data Output Messages Notifications



	product_id character varying (10) 🔒	product_name character varying (35) 🔒
	P-1	MacBook
	P-10	MacBook (Early 2015)
	P-11	AirPods (2nd Generation)
	P-12	AirPods (3rd Generation)
	P-13	AirPods Pro
	P-14	AirPods Pro (2nd Generatio...
	P-15	AirPods Max
	P-16	Beats Studio Buds
	P-17	Beats Fit Pro
0	P-18	Beats Solo Pro
1	P-19	Beats Powerbeats Pro
2	P-2	MacBook Air (M1)
3	P-20	HomePod (2nd Generation)
4	P-21	HomePod mini
5	P-22	iPad (10th Generation)
6	P-23	iPad (9th Generation)

Total rows: 89

Query complete 00:00:00.623


```

92  -- 8. Find the average price of products in each category.
93  SELECT
94      P.CATEGORY_ID,
95      C.CATEGORY_NAME,
96      AVG(P.PRICE) AS AVG_PRICE
97  FROM
98      PRODUCTS AS P
99      JOIN CATEGORY AS C ON P.CATEGORY_ID = C.CATEGORY_ID
100 GROUP BY
101     P.CATEGORY_ID,
102     C.CATEGORY_NAME
103 ORDER BY
104     AVG_PRICE DESC;
105

```

Data Output Messages Notifications

	category_id character varying (10) 🔒	category_name character varying (20) 🔒	avg_price double precision 🔒
1	CAT-3	Tablet	1479.5
2	CAT-1	Laptop	1194.1
3	CAT-5	Wearable	1146.8888888888889
4	CAT-2	Audio	1124.8181818181818
5	CAT-4	Smartphone	1037.5384615384614
6	CAT-10	Accessories	1030.142857142857
7	CAT-6	Streaming Device	996.6666666666666
8	CAT-7	Desktop	838.7
9	CAT-8	Subscription Service	823.2857142857143
10	CAT-9	Smart Speaker	734

```

111
112 |--10. For each store, identify the best-selling day based on highest quantity sold.
113
114 SELECT *
115 FROM (
116 SELECT STORE_ID,
117 TO_CHAR(SALE_DATE, 'Day') AS DAY_NAME,
118 SUM(QUANTITY) AS TOTAL_UNIT_SOLD,
119 RANK() OVER (PARTITION BY STORE_ID ORDER BY SUM(QUANTITY) DESC) AS RANK
120 FROM SALES
121 GROUP BY STORE_ID, DAY_NAME
122 ) AS T1
123 WHERE RANK = 1;
124

```

Data Output Messages Notifications



	store_id character varying (10) 🔒	day_name text 🔒	total_unit_sold bigint 🔒	rank bigint 🔒
1	ST-1	Tuesday	11233	1
2	ST-10	Thursday	11243	1
3	ST-11	Thursday	11943	1
4	ST-12	Saturday	11416	1
5	ST-13	Sunday	11320	1
6	ST-14	Monday	11139	1
7	ST-15	Saturday	10913	1
8	ST-16	Tuesday	11296	1
9	ST-17	Saturday	11088	1
10	ST-18	Wednesday	11167	1
11	ST-19	Sunday	11425	1
12	ST-2	Tuesday	11266	1
13	ST-20	Friday	11236	1
14	ST-21	Monday	11023	1
15	ST-22	Monday	11019	1
16	ST-23	Sunday	11408	1
17	ST-24	Thursday	11376	1

Total rows: 75 Query complete 00:00:01.683

```

124
125 -- 11. Identify the least selling product in each country based on total units sold.
126
127 WITH PRODUCT_RANK AS (
128     SELECT ST.COUNTRY, P.PRODUCT_NAME, SUM(S.QUANTITY) AS TOTAL_QTY_SOLD,
129     RANK() OVER (PARTITION BY ST.COUNTRY ORDER BY SUM(S.QUANTITY)) AS RANK
130     FROM SALES AS S
131     JOIN STORES AS ST ON S.STORE_ID = ST.STORE_ID
132     JOIN PRODUCTS AS P ON S.PRODUCT_ID = P.PRODUCT_ID
133     GROUP BY 1,2
134 )
135 SELECT * FROM PRODUCT_RANK WHERE RANK = 1;
136

```

Data Output Messages Notifications



	country character varying (25) 🔒	product_name character varying (35) 🔒	total_qty_sold bigint 🔒	rank bigint 🔒
1	Australia	MacBook Air (M1)	5516	1
2	Austria	Apple Music	663	1
3	Canada	Apple Pencil (1st Generati...	3798	1
4	China	iPhone 12	5343	1
5	Colombia	Beats Studio Buds	1428	1
6	France	iMac Pro	3056	1
7	Germany	MacBook Pro (Touch Bar)	2246	1
8	Italy	Beats Solo Pro	1463	1
9	Japan	Apple Watch Series 5	4772	1
10	Mexico	Apple Watch Hermès	2275	1
11	Netherlands	iMac Pro	680	1
12	Singapore	Smart Cover for iPad	2241	1
13	South Korea	Silicone Case for iPhone	1511	1
14	Spain	Beats Fit Pro	665	1
15	Taiwan	iPhone 14 Pro	732	1
16	Thailand	Lightning to USB Cable	2195	1
17	UAE	AirPods (2nd Generation)	3953	1

Total rows: 19

Query complete 00:00:00.550

```
138  |-- 12. Calculate how many warranty claims were filed within 180 days of a product sale.
139  SELECT
140      COUNT(*)
141  FROM
142      SALES AS S
143      JOIN WARRANTY AS W ON S.SALE_ID = W.SALE_ID
144  WHERE
145      W.CLAIM_DATE - S.SALE_DATE <= 180;
146
```

Data Output Messages Notifications



	count bigint
1	5733

```
146
147 -- 13. Find sales info where warranty claims are filed within 180 days of a product sale.
148
149 SELECT * FROM
150     SALES AS S
151     JOIN WARRANTY AS W ON S.SALE_ID = W.SALE_ID
152 WHERE
153     W.CLAIM_DATE - S.SALE_DATE <= 180;
154
```

Data Output Messages Notifications

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	sale_id character varying (15) 🔒	sale_date date 🔒	store_id character varying (10) 🔒	product_id character varying (10) 🔒	quantity integer 🔒	claim_id character varying (10) 🔒	claim_date date 🔒	sale_id character varying (15) 🔒	repair_status character varying (15) 🔒	
1	II-3954	2024-04-19	ST-28	P-45	10	CL-30514	2024-09-05	II-3954	Pending	
2	JB-46303	2024-08-31	ST-14	P-29	5	CL-75561	2024-01-24	JB-46303	Completed	
3	UN-941274	2023-10-27	ST-10	P-87	4	CL-7124	2024-01-04	UN-941274	Completed	
4	JM-75607	2024-10-27	ST-69	P-12	1	CL-78615	2024-11-09	JM-75607	Completed	
5	UJ-07947	2024-05-08	ST-20	P-4	6	CL-29490	2024-03-14	UJ-07947	Completed	
6	NY-82428	2024-10-04	ST-8	P-64	10	CL-12189	2024-11-12	NY-82428	Completed	
7	VT-954957	2024-03-26	ST-60	P-9	7	CL-3992	2024-05-17	VT-954957	Pending	
8	GN-099683	2024-07-22	ST-25	P-9	1	CL-23879	2024-05-04	GN-099683	In Progress	
9	CA-4116	2024-02-19	ST-72	P-70	4	CL-8833	2024-06-25	CA-4116	Completed	
10	YD-9562	2024-03-24	ST-66	P-25	5	CL-81539	2024-07-05	YD-9562	Rejected	
11	XR-468203	2023-12-21	ST-55	P-29	7	CL-63006	2024-02-21	XR-468203	Pending	
12	NQ-18124	2024-01-18	ST-14	P-77	9	CL-16284	2024-03-03	NQ-18124	Completed	
13	XZ-59032	2024-07-07	ST-5	P-81	5	CL-31307	2024-01-02	XZ-59032	Pending	
14	AJ-06146	2024-05-09	ST-23	P-34	9	CL-46503	2024-04-05	AJ-06146	Pending	
15	FL-9609	2024-05-14	ST-70	P-52	4	CL-94775	2024-01-31	FL-9609	Pending	
16	JC-31529	2024-03-15	ST-1	P-31	2	CL-49125	2024-05-29	JC-31529	Completed	
17	NH-656788	2024-01-10	ST-73	P-16	7	CL-8853	2024-05-08	NH-656788	Rejected	
Total rows: 5733		Query complete 00:00:00.356								

```

155 -- 14. List the months in the last three years where sales exceeded 5,000 units in the USA.
156
157 SELECT TO_CHAR(SALE_DATE, 'MM-YYYY') AS MONTH,
158 SUM(S.QUANTITY) AS TOTAL_UNIT_SOLD
159 FROM SALES AS S
160 JOIN STORES AS ST ON S.STORE_ID = ST.STORE_ID
161 WHERE ST.COUNTRY = 'United States'
162 AND S.SALE_DATE >= CURRENT_DATE - INTERVAL '3 year'
163 GROUP BY MONTH
164 HAVING SUM(S.QUANTITY) > 5000;
165

```

Data Output Messages Notifications



	month text	total_unit_sold bigint
1	01-2024	19814
2	02-2023	17489
3	02-2024	19412
4	03-2023	19641
5	03-2024	20051
6	04-2023	19803
7	04-2024	19513
8	05-2023	19492
9	05-2024	19865
10	06-2023	19146
11	06-2024	19205
12	07-2023	19924
13	07-2024	19996
14	08-2023	19955
15	08-2024	19657
16	09-2023	19280
17	09-2024	19203

Total rows: 22

Query complete 00:00:00.383

```

165
166 -- 15. Identify the product category with the most warranty claims filed in year 2024.
167
168 SELECT CATEGORY_NAME, COUNT(W.CLAIM_ID) AS TOTAL_CLAIM
169 FROM WARRANTY W
170 JOIN SALES S ON W.SALE_ID = S.SALE_ID
171 JOIN PRODUCTS P ON S.PRODUCT_ID = P.PRODUCT_ID
172 JOIN CATEGORY C ON C.CATEGORY_ID = P.CATEGORY_ID
173 WHERE EXTRACT(YEAR FROM W.CLAIM_DATE) = 2024
174 GROUP BY CATEGORY_NAME
175 ORDER BY TOTAL_CLAIM DESC;
176

```

Data Output Messages Notifications



	category_name character varying (20) 🔒	total_claim bigint 🔒
1	Accessories	4650
2	Smartphone	4434
3	Audio	3768
4	Tablet	3397
5	Laptop	3384
6	Desktop	3372
7	Wearable	2986
8	Subscription Service	2374
9	Streaming Device	940
10	Smart Speaker	695

```

177 --16. Determine the percentage chance of receiving warranty claims after each purchase for each country.
178
179 SELECT COUNTRY, TOTAL_UNIT_SOLD, TOTAL_CLAIM,
180 COALESCE(TOTAL_CLAIM::NUMERIC / TOTAL_UNIT_SOLD::NUMERIC * 100, 0) AS RISK
181 FROM (
182 SELECT ST.COUNTRY, SUM(S.QUANTITY) AS TOTAL_UNIT_SOLD, COUNT(W.CLAIM_ID) AS TOTAL_CLAIM
183 FROM SALES AS S
184 JOIN STORES AS ST ON S.STORE_ID = ST.STORE_ID
185 LEFT JOIN WARRANTY AS W ON W.SALE_ID = S.SALE_ID
186 GROUP BY COUNTRY
187 ) T1
188 ORDER BY RISK DESC;

```

Data Output Messages Notifications



	country character varying (25) 🔒	total_unit_sold bigint 🔒	total_claim bigint 🔒	risk numeric 🔒
1	Austria	75965	448	0.58974527743039557700
2	Netherlands	76764	428	0.55755301964462508500
3	Taiwan	77518	419	0.54051962124925823700
4	UAE	381972	2046	0.53564135591090446400
5	Canada	381212	2035	0.53382369914902993600
6	United Kingdom	304861	1624	0.53270178868402321100
7	United States	1144783	6086	0.53162913844807269200
8	Australia	535623	2827	0.52779660320785328500
9	Singapore	227828	1198	0.52583527924574679100
10	Japan	460325	2417	0.52506381360994949200
11	France	302785	1585	0.52347375200224581800
12	Germany	230567	1201	0.52088980643370473700
13	Mexico	227917	1186	0.52036486966746666500
14	Thailand	227858	1159	0.50865012420015974900
15	South Korea	153849	782	0.50829059662396245700
16	China	534345	2713	0.50772441025928941000
17	Colombia	150569	752	0.49943879550239425100

Total rows: 19 Query complete 00:00:00.555


```

189
190 -- Q.17 Analyze the year-by-year growth ratio for each store each store and their yearly sale
191
192 WITH YEARLY_SALES AS (
193     SELECT S.STORE_ID, ST.STORE_NAME,
194     EXTRACT(YEAR FROM SALE_DATE) AS YEAR,
195     SUM(S.QUANTITY * P.PRICE) AS TOTAL_SALE
196     FROM SALES AS S
197     JOIN PRODUCTS AS P ON S.PRODUCT_ID = P.PRODUCT_ID
198     JOIN STORES AS ST ON ST.STORE_ID = S.STORE_ID
199     GROUP BY S.STORE_ID, ST.STORE_NAME, YEAR
200 ),
201 GROWTH_RATE AS (
202     SELECT STORE_NAME, YEAR,
203     LAG(TOTAL_SALE,1) OVER (PARTITION BY STORE_NAME ORDER BY YEAR) AS LAST_YEAR_SALE,
204     TOTAL_SALE AS CURRENT_YEAR_SALE
205     FROM YEARLY_SALES
206 )
207 SELECT STORE_NAME, YEAR, LAST_YEAR_SALE, CURRENT_YEAR_SALE,
208     ROUND((CURRENT_YEAR_SALE - LAST_YEAR_SALE)::NUMERIC / LAST_YEAR_SALE::NUMERIC * 100, 3) AS GROWTH_RATE
209     FROM GROWTH_RATE
210     WHERE LAST_YEAR_SALE IS NOT NULL
211     AND YEAR <> EXTRACT(YEAR FROM CURRENT_DATE);
212

```

Data Output

Messages

Notifications

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SQL

	store_name character varying (30)	year numeric	last_year_sale double precision	current_year_sale double precision	growth_rate numeric
1	Apple Ala Moana	2021	16736679	16351838	-2.299
2	Apple Ala Moana	2022	16351838	16679728	2.005
3	Apple Ala Moana	2023	16679728	17286752	3.639
4	Apple Ala Moana	2024	17286752	15215747	-11.980
5	Apple Andino	2021	15873867	16657275	4.935
6	Apple Andino	2022	16657275	16807255	0.900
7	Apple Andino	2023	16807255	16452478	-2.111
8	Apple Andino	2024	16452478	14591539	-11.311
9	Apple Antara	2021	16614977	16516324	-0.594
10	Apple Antara	2022	16516324	16625607	0.662
11	Apple Antara	2023	16625607	15789600	-5.028
12	Apple Antara	2024	15789600	14795003	-6.299
13	Apple Beijing SKP	2021	17004025	16967537	-0.215
14	Apple Beijing SKP	2022	16967537	17293828	1.923
15	Apple Beijing SKP	2023	17293828	16793173	-2.895
16	Apple Beijing SKP	2024	16793173	14943387	-11.015
17	Apple Beverly Center	2021	16876768	16086769	-4.681

Total rows: 306

Query complete 00:00:03.786

```

213 -- Q.18 Calculate the correlation between product price and warranty claims for products sold in the last five years, segmented by price range.
214
215 SELECT
216     CASE
217         WHEN P.PRICE < 500 THEN 'Less Expensive Product'
218         WHEN P.PRICE BETWEEN 500 AND 1000 THEN 'Mid Range Product'
219         WHEN P.PRICE BETWEEN 1000 AND 1500 THEN 'Expensive Product'
220         ELSE 'Very Expensive Product'
221     END AS PRICE_SEGMENT,
222     COUNT(W.CLAIM_ID) AS TOTAL_CLAIM
223 FROM
224     WARRANTY AS W
225     LEFT JOIN SALES AS S ON W.SALE_ID = S.SALE_ID
226     JOIN PRODUCTS AS P ON P.PRODUCT_ID = S.PRODUCT_ID
227 WHERE
228     CLAIM_DATE >= CURRENT_DATE - INTERVAL '5 year'
229 GROUP BY
230     PRICE_SEGMENT;
231

```

Data Output Messages Notifications



Showing rows: 1

	price_segment text	total_claim bigint
1	Expensive Product	9808
2	Very Expensive Prod...	6982
3	Less Expensive Produ...	5089
4	Mid Range Product	8121

```
231
232 -- Q.19 Write a query to calculate the monthly running total of sales for each store over the past four years and compare trends during this period.
233
234 WITH MONTHLY_SALES AS (
235     SELECT STORE_ID,
236            EXTRACT(YEAR FROM SALE_DATE) AS YEAR,
237            EXTRACT(MONTH FROM SALE_DATE) AS MONTH,
238            SUM(P.PRICE * S.QUANTITY) AS TOTAL_REVENUE
239     FROM SALES AS S
240     JOIN PRODUCTS AS P ON S.PRODUCT_ID = P.PRODUCT_ID
241     GROUP BY STORE_ID, YEAR, MONTH
242 )
243 SELECT STORE_ID, MONTH, YEAR, TOTAL_REVENUE,
244        SUM(TOTAL_REVENUE) OVER (PARTITION BY STORE_ID ORDER BY YEAR, MONTH) AS RUNNING_TOTAL
245 FROM MONTHLY_SALES;
246
```

Data Output Messages Notifications

Showing rows: 1 to 1000

	store_id character varying (10) 🔒	month numeric 🔒	year numeric 🔒	total_revenue double precision 🔒	running_total double precision 🔒
1	ST-1	1	2020	1519710	1519710
2	ST-1	2	2020	1513077	3032787
3	ST-1	3	2020	1456142	4488929
4	ST-1	4	2020	1432050	5920979
5	ST-1	5	2020	1408946	7329925
6	ST-1	6	2020	1398598	8728523
7	ST-1	7	2020	1488995	10217518
8	ST-1	8	2020	1568175	11785693
9	ST-1	9	2020	1344362	13130055
10	ST-1	10	2020	1291883	14421938
11	ST-1	11	2020	1524397	15946335
12	ST-1	12	2020	1463945	17410280
13	ST-1	1	2021	1638264	19048544
14	ST-1	2	2021	1330913	20379457
15	ST-1	3	2021	1230568	21610025
16	ST-1	4	2021	1498796	23108821
17	ST-1	5	2021	1472878	24581699

Total rows: 4425

Query complete 00:00:02.234

```

247 --Q.20 Analyze product sales trends over time, segmented into key periods: from launch to 6 months, 6-12 months, 12-18 months, and beyond 18 months.
248 SELECT
249     P.PRODUCT_NAME,
250     CASE
251         WHEN S.SALE_DATE BETWEEN P.LAUNCH_DATE AND P.LAUNCH_DATE + INTERVAL '6 month' THEN '0-6 month'
252         WHEN S.SALE_DATE BETWEEN P.LAUNCH_DATE + INTERVAL '6 month' AND P.LAUNCH_DATE + INTERVAL '12 month' THEN '6-12'
253         WHEN S.SALE_DATE BETWEEN P.LAUNCH_DATE + INTERVAL '12 month' AND P.LAUNCH_DATE + INTERVAL '18 month' THEN '6-12'
254         ELSE '18+'
255     END AS PLC,
256     SUM(S.QUANTITY) AS TOTAL_QTY_SALE
257 FROM
258     SALES AS S
259     JOIN PRODUCTS AS P ON S.PRODUCT_ID = P.PRODUCT_ID
260 GROUP BY
261     P.PRODUCT_NAME,
262     PLC
263 ORDER BY
264     P.PRODUCT_NAME,
265     TOTAL_QTY_SALE DESC;

```

Data Output Messages Notifications



Showing rows: 1 to 254

	product_name character varying (35)	plc text	total_qty_sale bigint
1	AirPods (2nd Generation)	18+	44681
2	AirPods (2nd Generation)	6-12	13250
3	AirPods (2nd Generation)	0-6 mon...	6650
4	AirPods (3rd Generation)	18+	44036
5	AirPods (3rd Generation)	6-12	13530
6	AirPods (3rd Generation)	0-6 mon...	6536
7	AirPods Max	18+	44846
8	AirPods Max	6-12	13392
9	AirPods Max	0-6 mon...	6606
10	AirPods Pro	18+	63349
11	AirPods Pro	0-6 mon...	1394
12	AirPods Pro (2nd Generatio...	18+	45051
13	AirPods Pro (2nd Generatio...	6-12	12995
14	AirPods Pro (2nd Generatio...	0-6 mon...	6788
15	AirTag	18+	45251
16	AirTag	6-12	13077
17	AirTan	0-6 mon	6408

Total rows: 254 Query complete 00:00:01.772