		country	Total_Stores
	1	UK	10
1)	2	USA	10
	3	Canada	8
	4	China	4
	5	Australia	3
	6	Brazil	2
	7	Japan	2
	8	Turkey	2
	9	UAE	2
	10	France	2

		store_id	store_name	total_units_sold
2)	1	ST-52	Apple Mumbai	24590
۷)	2	ST-53	Apple New Delhi	24501
	3	ST-51	Apple Seoul	24469
	4	ST-14	Apple Pacific Centre	24349
	5	ST-54	Apple Ankara	24286
	6	ST-55	Apple Istanbul	24105
	7	ST-21	Apple Orchard Road	23094
	8	ST-23	Apple Covent Garden	23036
	9	ST-22	Apple Regent Street	23030
	10	ST-24	Apple Bluewater	22906

3)		total_sales
	4	29997

		store_id	store_name
4)	1	ST-1	Apple Fifth Avenue
4)	2	ST-10	Apple Tysons Corner
	3	ST-11	Apple Eaton Centre
	4	ST-12	Apple Yorkdale
	5	ST-13	Apple Square One
	6	ST-14	Apple Pacific Centre
	7	ST-15	Apple Chinook Centre
	8	ST-16	Apple Rideau Centre
	9	ST-17	Apple West Edmonton Mall
	10	ST-18	Apple CF Sherway Gardens

5)		percentage
<i>J</i>	1	23.1645

6)				
O)		store_id	store_name	total_sales
	1	ST-52	Apple Mumbai	19680
	2	ST-53	Apple New Delhi	19606
	3	ST-51	Apple Seoul	19529
	4	ST-55	Apple Istanbul	19197
	5	ST-54	Apple Ankara	19197
	6	ST-21	Apple Orchard Road	3522
	7	ST-25	Apple Munich	3450
	8	ST-24	Apple Bluewater	3436
	9	ST-23	Apple Covent Garden	3394
	10	ST-22	Apple Regent Street	3376

	product_id	product_name	total_sales
1	P-63	iPhone 15 Pro	13138
2	P-64	iPhone 15 Pro Max	13048
3	P-62	iPhone 15	12985
4	P-55	iPhone 14	11051
5	P-54	iPhone 14 Pro	10922
6	P-59	iPad (10th Gen)	10236
7	P-60	iPad Pro (M2, 11-inch)	10180
8	P-58	AirPods Pro (2nd Gen)	7486
9	P-61	iPad Pro (M2, 12.9-inch)	7180
10	P-56	Apple Watch Series 8	5400

8)		category_id	category_name	avg_price
	1	CAT-1	Laptop	1511.5
	2	CAT-7	Desktop	1199
	3	CAT-4	Smartphone	889.43
	4	CAT-3	Tablet	656.5
	5	CAT-5	Wearable	362.33
	6	CAT-2	Audio	259
	7	CAT-6	Streaming Device	179
	8	CAT-8	Subscription Service	149.5
	9	CAT-9	Smart Speaker	99
	10	CAT-10	Accessory	29

9) repair_status warranty_claims
1 Free Replaced 1707
2 Paid Repaired 113
3 Warranty Void 930
4 total_claims 2750

10)		store_id	store_name	best_selling_day	total_sales
10)	1	ST-1	Apple Fifth Avenue	Sunday	1100
	2	ST-10	Apple Tysons Corner	Sunday	1065
	3	ST-11	Apple Eaton Centre	Saturday	1095
	4	ST-12	Apple Yorkdale	Sunday	1073
	5	ST-13	Apple Square One	Monday	1085
	6	ST-14	Apple Pacific Centre	Thursday	3665
	7	ST-15	Apple Chinook Centre	Monday	2879
	8	ST-16	Apple Rideau Centre	Monday	2940
	9	ST-17	Apple West Edmonton Mall	Thursday	2837
	10	ST-18	Apple CF Sherway Gardens	Sunday	2865

11)			1				
TT		product_id	product_name	total_sales	sale_year	country	rank
	1	P-44	iPhone 13 Mini	16	2021	Argentina	1
	2	P-63	iPhone 15 Pro	99	2023	Argentina	1
	3	P-64	iPhone 15 Pro Max	99	2023	Argentina	1
	4	P-35	Apple Fitness+	29	2020	Australia	1
	5	P-44	iPhone 13 Mini	37	2021	Australia	1
	6	P-59	iPad (10th Gen)	458	2022	Australia	1
	7	P-62	iPhone 15	264	2023	Australia	1
	8	P-35	Apple Fitness+	25	2020	Brazil	1
	9	P-44	iPhone 13 Mini	30	2021	Brazil	1
	10	P-60	iPad Pro (M2, 11-inch)	281	2022	Brazil	1
	11	P-62	iPhone 15	180	2023	Brazil	1

12)		warranty_claims
	1	18745

product_name warranty_claims total_sales AirPods Pro (2nd Gen) 13) iPad (10th Gen) iPad Pro (M2, 11-inch) iPhone 14 iPhone 14 Pro iPhone 15 iPhone 15 Pro iPhone 15 Pro Max iPhone SE (3rd Gen)

14)

	month	total_sales
1	01-2022	2392
2	01-2023	4318
3	02-2022	2174
4	02-2023	3908
5	03-2022	2835
6	03-2023	4469
7	04-2022	2463
8	04-2023	2474
9	05-2022	1007
10	09-2022	2929

15)

	category_id	category_name	warranty_claims
1	CAT-4	Smartphone	8188
2	CAT-3	Tablet	2638
3	CAT-5	Wearable	978
4	CAT-8	Subscription Service	940
5	CAT-2	Audio	528
6	CAT-10	Accessory	64
7	CAT-1	Laptop	59
8	CAT-7	Desktop	7
9	CAT-6	Streaming Device	5

16)

	country	total_sales	warranty_claims	percentage_chance
1	Argentina	2794	0	No Claim Chance
2	Australia	19445	0	No Claim Chance
3	Brazil	12842	0	No Claim Chance
4	Canada	123089	0	No Claim Chance
5	Chile	5272	0	No Claim Chance
6	China	20895	0	No Claim Chance
7	Costa Rica	2848	0	No Claim Chance
8	France	29218	335	1.15
9	Germany	37573	641	1.71
10	India	49091	2241	4.56

17)

	store_id	store_name	year	current_year_sales	previous_year_sales	growth_rate	status
1	ST-27	Apple Amsterdam	2020	2,057,521	1,938,674	6.13	GROWTH
2	ST-27	Apple Amsterdam	2021	3,011,823	2,057,521	46.38	GROWTH
3	ST-27	Apple Amsterdam	2022	3,580,638	3,011,823	18.89	GROWTH
4	ST-27	Apple Amsterdam	2023	1,454,241	3,580,638	-59.39	DECLINE
5	ST-27	Apple Amsterdam	2024	186,817	1,454,241	-87.15	DECLINE
6	ST-54	Apple Ankara	2021	1,472,404	1,888,289	-22.02	DECLINE
7	ST-54	Apple Ankara	2023	15,671,503	1,472,404	964.35	GROWTH
8	ST-45	Apple Bangkok	2021	1,488,187	1,831,371	-18.74	DECLINE
9	ST-45	Apple Bangkok	2023	308,693	1,488,187	-79.26	DECLINE
10	ST-33	Apple Barcelona	2021	1,537,994	1,888,830	-18.57	DECLINE
11	ST-33	Apple Barcelona	2022	851,983	1,537,994	-44.6	DECLINE
12	ST-33	Apple Barcelona	2023	312,689	851,983	-63.3	DECLINE

18)

	product_range	price_range	total_warranty_claims
1	LOW RANGE PRODUCT	29	5097
2	LOW RANGE PRODUCT	99	74
3	LOW RANGE PRODUCT	120	36
4	LOW RANGE PRODUCT	179	1811
5	LOW RANGE PRODUCT	249	659
6	LOW RANGE PRODUCT	329	1906
7	LOW RANGE PRODUCT	399	1978
8	LOW RANGE PRODUCT	429	1885
9	LOW RANGE PRODUCT	449	444
10	MID RANGE PRODUCT	549	32

			v																		
B4	· · · :	$\times \checkmark fx \checkmark$	=CORREL	(B1:U1,	B2:U2)																
4	Α	В	С	D	E	F	G	Н	1	J	K	L	M	N	О	Р	Q	R	S	T	U
1	Price range	29	99	120	179	249	329	399	429	449	549	599	699	749	799	999	1099	1199	1299	1999	2499
2	Warranty Claims	5097	74	36	1811	659	1906	1978	1885	444	32	1374	2411	763	2250	4207	2220	320	381	668	675
3																					
4	CORRELATION	-0.18337																			
5																					
6	A correlation of -0).183 means	that there is	s a slightl	y negative ı	relationshi	p between	product pric	ce and war	ranty claim	ıs.										
7	As the price of a product goes up, the number of warranty claims tends to go down just a little.																				
8	However, this rela	itionship is v	ery weak. It'	s not a st	rong trend,	so the price	e of a prod	uct doesn't	really have	e a big imp	act on how	many warr	anty claims	it gets.							
9																					

19)

	store_id	store_name	total_claims	total_paid_repaired	percent_of_total_claims
1	ST-26	Apple Kurfürstendamm	160	60	37.5
2	ST-28	Apple Champs-Élysées	151	53	35.099
3	ST-24	Apple Bluewater	259	86	33.205
4	ST-23	Apple Covent Garden	267	86	32.21
5	ST-27	Apple Amsterdam	163	52	31.902
6	ST-22	Apple Regent Street	1214	377	31.054
7	ST-25	Apple Munich	481	147	30.561
8	ST-29	Apple Lyon	184	50	27.174
9	ST-30	Apple Milan	1691	417	24.66
10	ST-31	Apple Dubai Mall	5838	1427	24.443
11	ST-32	Apple Mall of the Emirates	5978	771	12.897

20)

	store_id	store_name	month	year	revenue	running_total
1	ST-27	Apple Amsterdam	January	2019	103,117	103,117
2	ST-27	Apple Amsterdam	February	2019	156,066	259,183
3	ST-27	Apple Amsterdam	March	2019	188,670	447,853
4	ST-27	Apple Amsterdam	April	2019	99,757	547,610
5	ST-27	Apple Amsterdam	May	2019	131,395	679,005
6	ST-27	Apple Amsterdam	June	2019	115,103	794,108
7	ST-27	Apple Amsterdam	July	2019	124,232	918,340
8	ST-27	Apple Amsterdam	August	2019	164,224	1,082,564
9	ST-27	Apple Amsterdam	September	2019	170,583	1,253,147
10	ST-27	Apple Amsterdam	October	2019	194,750	1,447,897
11	ST-27	Apple Amsterdam	November	2019	250,056	1,697,953
12	ST-27	Apple Amsterdam	December	2019	240,721	1,938,674
13	ST-27	Apple Amsterdam	January	2020	339,404	2,278,078
14	ST-27	Apple Amsterdam	February	2020	320,381	2,598,459

21)

product_name	launch_sale_interval	total_sales
iPhone 14	0-6 months	26487
iPhone 14	6-12 months	3783
iPhone 14	12-18 months	1674
iPhone 14 Pro	0-6 months	26362
iPhone 14 Pro	6-12 months	3722
iPhone 14 Pro	12-18 months	1644
iPhone 15	0-6 months	14104
iPhone 15	6-12 months	771
iPhone 15 Pro	0-6 months	14241
iPhone 15 Pro	6-12 months	713
iPhone 15 Pro Max	0-6 months	14171
iPhone 15 Pro Max	6-12 months	689