

### Query 1 – Year-over-Year Income & Growth

Year	IncomePerYear	NumberOfDistinctMonths	LinearYearlyIncome	GrowthRate
2013	46097907.20	12	46097907.20	NULL
2014	50026913.80	12	50026913.80	8.52
2015	53802429.05	12	53802429.05	7.55
2016	22334091.15	5	53601818.76	-0.37

### Query 2 – Top-5 Customers per Quarter (By Income)

TheYear	TheQuarter	CustomerName	Income	DNR
2013	1	Tailspin Toys (Indios, PR)	57073.70	1
2013	1	Valter Viiding	52107.20	2
2013	1	Tailspin Toys (Annamoriah, WV)	49782.15	3
2013	1	Wingtip Toys (Sarversville, PA)	47971.20	4
2013	1	Wingtip Toys (Lake Ronkonkoma, NY)	45256.00	5
2013	2	Tailspin Toys (Impact, TX)	57845.50	1
2013	2	Tailspin Toys (Gum Branch, GA)	56806.85	2
2013	2	Tailspin Toys (Malott, WA)	53013.35	3
2013	2	Aleksandrs Riekstins	52500.60	4
2013	2	Wingtip Toys (Lime Lake, NY)	51523.60	5
2013	3	Mauno Laurila	65150.10	1
2013	3	Hue Ton	65117.60	2
2013	3	Valter Viiding	55746.70	3
2013	3	Wingtip Toys (Haydenville, OH)	53485.10	4
2013	3	Sara Huiting	50370.80	5
2013	4	Wingtip Toys (Oak Point, TX)	68565.70	1
2013	4	Elina Kaleja	54614.00	2
2013	4	Bishwa Chatterjee	54076.30	3
2013	4	Tailspin Toys (Cheyenne Wells, CO)	53725.35	4
2013	4	Tailspin Toys (Victory Gardens, NJ)	50305.70	5
2014	1	Wingtip Toys (San Jacinto, CA)	77447.40	1
2014	1	Wingtip Toys (Bourbonnais, IL)	53847.70	2
2014	1	In-Su Bae	52807.75	3
2014	1	Wingtip Toys (Alcester, SD)	50985.45	4
2014	1	Wingtip Toys (Griswoldville, GA)	48595.70	5
2014	2	Tailspin Toys (Batson, TX)	64282.30	1

2014	2	Tailspin Toys (South La Paloma, TX)	63070.90	2
2014	2	Tailspin Toys (Cherry Grove Beach, SC)	57819.50	3
2014	2	Wingtip Toys (Hollandsburg, IN)	55409.75	4
2014	2	Wingtip Toys (Nichols Hills, OK)	54925.20	5
2014	3	Tailspin Toys (Scofield, UT)	78108.05	1
2014	3	Ioana Florea	68618.50	2
2014	3	Cong Hoa	60335.95	3
2014	3	Tailspin Toys (South Laguna, CA)	58551.80	4
2014	3	Wingtip Toys (Wapinitia, OR)	57525.50	5
2014	4	Eugen Agafitei	64433.35	1
2014	4	Wingtip Toys (Pikeview, CO)	58742.20	2
2014	4	Tailspin Toys (Head Office)	57065.30	3
2014	4	Raghu Sandhu	55160.80	4
2014	4	Tailspin Toys (Impact, TX)	54075.90	5
2015	1	Svetlana Todorovic	63020.40	1
2015	1	Tailspin Toys (Panaca, NV)	62486.00	2
2015	1	Wingtip Toys (Montoya, NM)	60852.00	3
2015	1	Kamala Nishad	59049.75	4
2015	1	Gabriela Hernandez	57949.40	5
2015	2	Tailspin Toys (Fieldbrook, CA)	81317.40	1
2015	2	Irma Berzina	73062.40	2
2015	2	Knut Svensson	70755.30	3
2015	2	Wingtip Toys (Ruthsburg, MD)	66126.50	4
2015	2	Tailspin Toys (Minidoka, ID)	66053.00	5
2015	3	Tailspin Toys (East Fultonham, OH)	65918.90	1
2015	3	Tailspin Toys (Bowlus, MN)	65092.10	2
2015	3	Laszlo Gardenier	63942.60	3
2015	3	Shantanu Huq	59808.70	4
2015	3	Wingtip Toys (Stoneboro, PA)	58181.05	5
2015	4	Wingtip Toys (Harkers Island, NC)	58631.60	1
2015	4	David Jaramillo	55740.05	2
2015	4	Wingtip Toys (Licking, MO)	50542.40	3
2015	4	Wingtip Toys (Bernstein, TX)	50431.65	4
2015	4	Jayanta Thakur	49472.25	5

2016	1	Wingtip Toys (North Beach Haven, NJ)	68409.20	1
2016	1	Tailspin Toys (Arietta, NY)	68025.30	2
2016	1	Wingtip Toys (Ware Shoals, SC)	63781.00	3
2016	1	Wingtip Toys (Bell Acres, PA)	61972.80	4
2016	1	Leonardo Folliero	55901.25	5
2016	2	Wingtip Toys (Leathersville, GA)	65194.90	1
2016	2	Wingtip Toys (Bourneville, OH)	52943.60	2
2016	2	Emily Whittle	50736.75	3
2016	2	Wingtip Toys (Cuyamungue, NM)	46920.60	4
2016	2	Raj Verma	43689.10	5

### Query 3 – Top-10 Most Profitable Stock Items

StockItemID	StockItemName	TotalProfit
215	Air cushion machine (Blue)	11107251.00
173	32 mm Anti static bubble wrap (Blue) 50m	6384000.00
167	10 mm Anti static bubble wrap (Blue) 50m	6329070.00
161	20 mm Double sided bubble wrap 50m	6214320.00
164	32 mm Double sided bubble wrap 50m	6190240.00
158	10 mm Double sided bubble wrap 50m	5943000.00
170	20 mm Anti static bubble wrap (Blue) 50m	5795640.00
172	32 mm Anti static bubble wrap (Blue) 20m	2900160.00
219	Void fill 400 L bag (White) 400L	2871500.00
169	20 mm Anti static bubble wrap (Blue) 20m	2468700.00

### Query 4 – Nominal Product Profit & Ranking

rn	StockItemID	StockItemName	UnitPrice	Recommend edRetailPrice	NominalProduct Prodit	DN R
1	215	Air cushion machine (Blue)	1899.00	2839.01	940.01	1
2	75	Ride on big wheel monster truck (Black) 1/12 scale	345.00	515.78	170.78	2
3	73	Ride on vintage American toy coupe (Red) 1/12 scale	285.00	426.08	141.08	3
4	74	Ride on vintage American toy coupe (Black) 1/12 scale	285.00	426.08	141.08	3
5	174	Bubblewrap dispenser (Black) 1.5m	240.00	358.80	118.80	4
6	175	Bubblewrap dispenser (Blue) 1.5m	240.00	358.80	118.80	4
7	176	Bubblewrap dispenser (Red) 1.5m	240.00	358.80	118.80	4

8	8	USB food flash drive - dim sum 10 drive variety pack	240.00	358.80	118.80	4
9	15	USB food flash drive - dessert 10 drive variety pack	240.00	358.80	118.80	4
10	67	Ride on toy sedan car (Black) 1/12 scale	230.00	343.85	113.85	5
11	68	Ride on toy sedan car (Red) 1/12 scale	230.00	343.85	113.85	5
12	69	Ride on toy sedan car (Blue) 1/12 scale	230.00	343.85	113.85	5
13	70	Ride on toy sedan car (Green) 1/12 scale	230.00	343.85	113.85	5
14	71	Ride on toy sedan car (Yellow) 1/12 scale	230.00	343.85	113.85	5
15	72	Ride on toy sedan car (Pink) 1/12 scale	230.00	343.85	113.85	5
16	164	32 mm Double sided bubble wrap 50m	112.00	167.44	55.44	6
17	161	20 mm Double sided bubble wrap 50m	108.00	161.46	53.46	7
18	158	10 mm Double sided bubble wrap 50m	105.00	156.98	51.98	8
19	173	32 mm Anti static bubble wrap (Blue) 50m	105.00	156.98	51.98	8
20	170	20 mm Anti static bubble wrap (Blue) 50m	102.00	152.49	50.49	9
21	167	10 mm Anti static bubble wrap (Blue) 50m	99.00	148.01	49.01	10
22	214	Air cushion film 200mmx200mm 325m	90.00	134.55	44.55	11
23	213	Air cushion film 200mmx100mm 325m	87.00	130.07	43.07	12
24	219	Void fill 400 L bag (White) 400L	50.00	74.75	24.75	13
25	172	32 mm Anti static bubble wrap (Blue) 20m	48.00	71.76	23.76	14
26	169	20 mm Anti static bubble wrap (Blue) 20m	45.00	67.28	22.28	15
27	66	RC big wheel monster truck with remote control (Black) 1/50 scale	45.00	67.28	22.28	15
28	166	10 mm Anti static bubble wrap (Blue) 20m	42.00	62.79	20.79	16
29	218	Void fill 300 L bag (White) 300L	37.50	56.06	18.56	17
30	163	32 mm Double sided bubble wrap 20m	37.00	55.32	18.32	18
31	102	Alien officer hoodie (Black) XL	35.00	52.33	17.33	19
32	103	Alien officer hoodie (Black) XXL	35.00	52.33	17.33	19

33	104	Alien officer hoodie (Black) 3XL	35.00	52.33	17.33	19
34	105	Alien officer hoodie (Black) 4XL	35.00	52.33	17.33	19
35	106	Alien officer hoodie (Black) 5XL	35.00	52.33	17.33	19
36	115	Superhero action jacket (Blue) 3XL	34.00	50.83	16.83	20
37	116	Superhero action jacket (Blue) 4XL	34.00	50.83	16.83	20
38	117	Superhero action jacket (Blue) 5XL	34.00	50.83	16.83	20
39	160	20 mm Double sided bubble wrap 20m	33.00	49.34	16.34	21
40	171	32 mm Anti static bubble wrap (Blue) 10m	32.00	47.84	15.84	22
41	118	Dinosaur battery-powered slippers (Green) S	32.00	47.84	15.84	22
42	119	Dinosaur battery-powered slippers (Green) M	32.00	47.84	15.84	22
43	120	Dinosaur battery-powered slippers (Green) L	32.00	47.84	15.84	22
44	121	Dinosaur battery-powered slippers (Green) XL	32.00	47.84	15.84	22
45	122	Ogre battery-powered slippers (Green) S	32.00	47.84	15.84	22
46	123	Ogre battery-powered slippers (Green) M	32.00	47.84	15.84	22
47	124	Ogre battery-powered slippers (Green) L	32.00	47.84	15.84	22
48	125	Ogre battery-powered slippers (Green) XL	32.00	47.84	15.84	22
49	126	Plush shark slippers (Gray) S	32.00	47.84	15.84	22
50	127	Plush shark slippers (Gray) M	32.00	47.84	15.84	22
51	128	Plush shark slippers (Gray) L	32.00	47.84	15.84	22
52	129	Plush shark slippers (Gray) XL	32.00	47.84	15.84	22
53	130	Furry gorilla with big eyes slippers (Black) S	32.00	47.84	15.84	22
54	131	Furry gorilla with big eyes slippers (Black) M	32.00	47.84	15.84	22
55	132	Furry gorilla with big eyes slippers (Black) L	32.00	47.84	15.84	22
56	133	Furry gorilla with big eyes slippers (Black) XL	32.00	47.84	15.84	22
57	134	Animal with big feet slippers (Brown) S	32.00	47.84	15.84	22
58	135	Animal with big feet slippers (Brown) M	32.00	47.84	15.84	22
59	136	Animal with big feet slippers (Brown) L	32.00	47.84	15.84	22

60	137	Animal with big feet slippers (Brown) XL	32.00	47.84	15.84	22
61	9	USB food flash drive - banana	32.00	47.84	15.84	22
62	10	USB food flash drive - chocolate bar	32.00	47.84	15.84	22
63	11	USB food flash drive - cookie	32.00	47.84	15.84	22
64	12	USB food flash drive - donut	32.00	47.84	15.84	22
65	13	USB food flash drive - shrimp cocktail	32.00	47.84	15.84	22
66	14	USB food flash drive - fortune cookie	32.00	47.84	15.84	22
67	4	USB food flash drive - sushi roll	32.00	47.84	15.84	22
68	5	USB food flash drive - hamburger	32.00	47.84	15.84	22
69	6	USB food flash drive - hot dog	32.00	47.84	15.84	22
70	7	USB food flash drive - pizza slice	32.00	47.84	15.84	22
71	203	Tape dispenser (Black)	32.00	47.84	15.84	22
72	204	Tape dispenser (Red)	32.00	47.84	15.84	22
73	205	Tape dispenser (Blue)	32.00	47.84	15.84	22
74	64	RC vintage American toy coupe with remote control (Red) 1/50 scale	30.00	44.85	14.85	23
75	65	RC vintage American toy coupe with remote control (Black) 1/50 scale	30.00	44.85	14.85	23
76	111	Superhero action jacket (Blue) M	30.00	44.85	14.85	23
77	112	Superhero action jacket (Blue) L	30.00	44.85	14.85	23
78	113	Superhero action jacket (Blue) XL	30.00	44.85	14.85	23
79	114	Superhero action jacket (Blue) XXL	30.00	44.85	14.85	23
80	157	10 mm Double sided bubble wrap 20m	30.00	44.85	14.85	23
81	168	20 mm Anti static bubble wrap (Blue) 10m	29.00	43.36	14.36	24
82	165	10 mm Anti static bubble wrap (Blue) 10m	26.00	38.87	12.87	25
83	107	Superhero action jacket (Blue) 3XS	25.00	37.38	12.38	26
84	108	Superhero action jacket (Blue) XXS	25.00	37.38	12.38	26
85	109	Superhero action jacket (Blue) XS	25.00	37.38	12.38	26
86	110	Superhero action jacket (Blue) S	25.00	37.38	12.38	26
87	1	USB missile launcher (Green)	25.00	37.38	12.38	26

88	2	USB rocket launcher (Gray)	25.00	37.38	12.38	26
89	58	RC toy sedan car with remote control (Black) 1/50 scale	25.00	37.38	12.38	26
90	59	RC toy sedan car with remote control (Red) 1/50 scale	25.00	37.38	12.38	26
91	60	RC toy sedan car with remote control (Blue) 1/50 scale	25.00	37.38	12.38	26
92	61	RC toy sedan car with remote control (Green) 1/50 scale	25.00	37.38	12.38	26
93	62	RC toy sedan car with remote control (Yellow) 1/50 scale	25.00	37.38	12.38	26
94	63	RC toy sedan car with remote control (Pink) 1/50 scale	25.00	37.38	12.38	26
95	217	Void fill 200 L bag (White) 200L	25.00	37.38	12.38	26
96	155	Large sized bubblewrap roll 50m	24.00	35.88	11.88	27
97	162	32 mm Double sided bubble wrap 10m	22.00	32.89	10.89	28
98	154	Medium sized bubblewrap roll 20m	20.00	29.90	9.90	29
99	3	Office cube periscope (Black)	18.50	27.66	9.16	30
100	76	"The Gu" red shirt XML tag t-shirt (White) 3XS	18.00	26.91	8.91	31
101	77	"The Gu" red shirt XML tag t-shirt (White) XXS	18.00	26.91	8.91	31
102	78	"The Gu" red shirt XML tag t-shirt (White) XS	18.00	26.91	8.91	31
103	79	"The Gu" red shirt XML tag t-shirt (White) S	18.00	26.91	8.91	31
104	80	"The Gu" red shirt XML tag t-shirt (White) M	18.00	26.91	8.91	31
105	81	"The Gu" red shirt XML tag t-shirt (White) L	18.00	26.91	8.91	31
106	82	"The Gu" red shirt XML tag t-shirt (White) XL	18.00	26.91	8.91	31
107	83	"The Gu" red shirt XML tag t-shirt (White) XXL	18.00	26.91	8.91	31
108	84	"The Gu" red shirt XML tag t-shirt (White) 3XL	18.00	26.91	8.91	31
109	85	"The Gu" red shirt XML tag t-shirt (White) 4XL	18.00	26.91	8.91	31
110	86	"The Gu" red shirt XML tag t-shirt (White) 5XL	18.00	26.91	8.91	31
111	87	"The Gu" red shirt XML tag t-shirt (White) 6XL	18.00	26.91	8.91	31
112	88	"The Gu" red shirt XML tag t-shirt (White) 7XL	18.00	26.91	8.91	31
113	89	"The Gu" red shirt XML tag t-shirt (Black) 3XS	18.00	26.91	8.91	31

114	90	"The Gu" red shirt XML tag t-shirt (Black) XXS	18.00	26.91	8.91	31
115	91	"The Gu" red shirt XML tag t-shirt (Black) XS	18.00	26.91	8.91	31
116	92	"The Gu" red shirt XML tag t-shirt (Black) S	18.00	26.91	8.91	31
117	93	"The Gu" red shirt XML tag t-shirt (Black) M	18.00	26.91	8.91	31
118	94	"The Gu" red shirt XML tag t-shirt (Black) L	18.00	26.91	8.91	31
119	95	"The Gu" red shirt XML tag t-shirt (Black) XL	18.00	26.91	8.91	31
120	96	"The Gu" red shirt XML tag t-shirt (Black) XXL	18.00	26.91	8.91	31
121	97	"The Gu" red shirt XML tag t-shirt (Black) 3XL	18.00	26.91	8.91	31
122	98	"The Gu" red shirt XML tag t-shirt (Black) 4XL	18.00	26.91	8.91	31
123	99	"The Gu" red shirt XML tag t-shirt (Black) 5XL	18.00	26.91	8.91	31
124	100	"The Gu" red shirt XML tag t-shirt (Black) 6XL	18.00	26.91	8.91	31
125	101	"The Gu" red shirt XML tag t-shirt (Black) 7XL	18.00	26.91	8.91	31
126	159	20 mm Double sided bubble wrap 10m	18.00	26.91	8.91	31
127	142	Halloween zombie mask (Light Brown) S	18.00	26.91	8.91	31
128	143	Halloween zombie mask (Light Brown) M	18.00	26.91	8.91	31
129	144	Halloween zombie mask (Light Brown) L	18.00	26.91	8.91	31
130	145	Halloween zombie mask (Light Brown) XL	18.00	26.91	8.91	31
131	146	Halloween skull mask (Gray) S	18.00	26.91	8.91	31
132	147	Halloween skull mask (Gray) M	18.00	26.91	8.91	31
133	148	Halloween skull mask (Gray) L	18.00	26.91	8.91	31
134	149	Halloween skull mask (Gray) XL	18.00	26.91	8.91	31
135	150	Pack of 12 action figures (variety)	16.00	23.92	7.92	32
136	151	Pack of 12 action figures (male)	16.00	23.92	7.92	32
137	152	Pack of 12 action figures (female)	16.00	23.92	7.92	32
138	156	10 mm Double sided bubble wrap 10m	15.00	22.43	7.43	33
139	16	DBA joke mug - mind if I join you? (White)	13.00	19.44	6.44	34



140	17	DBA joke mug - mind if I join you? (Black)	13.00	19.44	6.44	34
141	18	DBA joke mug - daaaaaa-ta (White)	13.00	19.44	6.44	34
142	19	DBA joke mug - daaaaaa-ta (Black)	13.00	19.44	6.44	34
143	20	DBA joke mug - you might be a DBA if (White)	13.00	19.44	6.44	34
144	21	DBA joke mug - you might be a DBA if (Black)	13.00	19.44	6.44	34
145	22	DBA joke mug - it depends (White)	13.00	19.44	6.44	34
146	23	DBA joke mug - it depends (Black)	13.00	19.44	6.44	34
147	24	DBA joke mug - I will get you in order (White)	13.00	19.44	6.44	34
148	25	DBA joke mug - I will get you in order (Black)	13.00	19.44	6.44	34
149	26	DBA joke mug - SELECT caffeine FROM mug (White)	13.00	19.44	6.44	34
150	27	DBA joke mug - SELECT caffeine FROM mug (Black)	13.00	19.44	6.44	34
151	28	DBA joke mug - two types of DBAs (White)	13.00	19.44	6.44	34
152	29	DBA joke mug - two types of DBAs (Black)	13.00	19.44	6.44	34
153	30	Developer joke mug - Oct 31 = Dec 25 (White)	13.00	19.44	6.44	34
154	31	Developer joke mug - Oct 31 = Dec 25 (Black)	13.00	19.44	6.44	34
155	32	Developer joke mug - that's a hardware problem (White)	13.00	19.44	6.44	34
156	33	Developer joke mug - that's a hardware problem (Black)	13.00	19.44	6.44	34
157	34	Developer joke mug - fun was unexpected at this time (White)	13.00	19.44	6.44	34
158	35	Developer joke mug - fun was unexpected at this time (Black)	13.00	19.44	6.44	34
159	36	Developer joke mug - when your hammer is C++ (White)	13.00	19.44	6.44	34
160	37	Developer joke mug - when your hammer is C++ (Black)	13.00	19.44	6.44	34
161	38	Developer joke mug - inheritance is the OO way to become wealthy (White)	13.00	19.44	6.44	34
162	39	Developer joke mug - inheritance is the OO way to become wealthy (Black)	13.00	19.44	6.44	34
163	40	Developer joke mug - (hip, hip, array) (White)	13.00	19.44	6.44	34

164	41	Developer joke mug - (hip, hip, array) (Black)	13.00	19.44	6.44	34
165	42	Developer joke mug - understanding recursion requires understanding recursion (White)	13.00	19.44	6.44	34
166	43	Developer joke mug - understanding recursion requires understanding recursion (Black)	13.00	19.44	6.44	34
167	44	Developer joke mug - there are 10 types of people in the world (White)	13.00	19.44	6.44	34
168	45	Developer joke mug - there are 10 types of people in the world (Black)	13.00	19.44	6.44	34
169	46	Developer joke mug - a foo walks into a bar (White)	13.00	19.44	6.44	34
170	47	Developer joke mug - a foo walks into a bar (Black)	13.00	19.44	6.44	34
171	48	Developer joke mug - this code was generated by a tool (White)	13.00	19.44	6.44	34
172	49	Developer joke mug - this code was generated by a tool (Black)	13.00	19.44	6.44	34
173	50	Developer joke mug - old C developers never die (White)	13.00	19.44	6.44	34
174	51	Developer joke mug - old C developers never die (Black)	13.00	19.44	6.44	34
175	52	IT joke mug - keyboard not found ... press F1 to continue (White)	13.00	19.44	6.44	34
176	53	IT joke mug - keyboard not found ... press F1 to continue (Black)	13.00	19.44	6.44	34
177	54	IT joke mug - that behavior is by design (White)	13.00	19.44	6.44	34
178	55	IT joke mug - that behavior is by design (Black)	13.00	19.44	6.44	34
179	56	IT joke mug - hardware: part of the computer that can be kicked (White)	13.00	19.44	6.44	34
180	57	IT joke mug - hardware: part of the computer that can be kicked (Black)	13.00	19.44	6.44	34
181	221	Novelty chilli chocolates 500g	14.50	20.74	6.24	35
182	216	Void fill 100 L bag (White) 100L	12.50	18.69	6.19	36
183	222	Chocolate beetles 250g	8.55	12.23	3.68	37

184	223	Chocolate echidnas 250g	8.55	12.23	3.68	37
185	224	Chocolate frogs 250g	8.55	12.23	3.68	37
186	225	Chocolate sharks 250g	8.55	12.23	3.68	37
187	226	White chocolate snow balls 250g	8.55	12.23	3.68	37
188	227	White chocolate moon rocks 250g	8.55	12.23	3.68	37
189	220	Novelty chilli chocolates 250g	8.55	12.23	3.68	37
190	138	Furry animal socks (Pink) S	5.00	7.48	2.48	38
191	139	Furry animal socks (Pink) M	5.00	7.48	2.48	38
192	140	Furry animal socks (Pink) L	5.00	7.48	2.48	38
193	141	Furry animal socks (Pink) XL	5.00	7.48	2.48	38
194	153	Small sized bubblewrap roll 10m	4.50	6.73	2.23	39
195	212	Large replacement blades 18mm	4.30	6.43	2.13	40
196	211	Small 9mm replacement blades 9mm	4.10	6.13	2.03	41
197	200	Black and yellow heavy despatch tape 48mmx100m	4.10	6.13	2.03	41
198	202	Red and white urgent heavy despatch tape 48mmx100m	4.10	6.13	2.03	41
199	192	Black and orange fragile despatch tape 48mmx100m	4.10	6.13	2.03	41
200	194	Black and orange glass with care despatch tape 48mmx100m	4.10	6.13	2.03	41
201	196	Black and orange handle with care despatch tape 48mmx100m	4.10	6.13	2.03	41
202	198	Black and orange this way up despatch tape 48mmx100m	4.10	6.13	2.03	41
203	199	Black and yellow heavy despatch tape 48mmx75m	3.70	5.53	1.83	42
204	197	Black and orange this way up despatch tape 48mmx75m	3.70	5.53	1.83	42
205	195	Black and orange handle with care despatch tape 48mmx75m	3.70	5.53	1.83	42
206	193	Black and orange glass with care despatch tape 48mmx75m	3.70	5.53	1.83	42
207	201	Red and white urgent despatch tape 48mmx75m	3.70	5.53	1.83	42
208	191	Black and orange fragile despatch tape 48mmx75m	3.70	5.53	1.83	42
209	190	Clear packaging tape 48mmx100m	3.50	5.23	1.73	43
210	184	Shipping carton (Brown) 305x305x305mm	3.50	5.23	1.73	43

211	189	Clear packaging tape 48mmx75m	2.90	4.34	1.44	44
212	183	Shipping carton (Brown) 480x270x320mm	2.74	4.10	1.36	45
213	206	Permanent marker black 5mm nib (Black) 5mm	2.70	4.04	1.34	46
214	207	Permanent marker blue 5mm nib (Blue) 5mm	2.70	4.04	1.34	46
215	208	Permanent marker red 5mm nib (Red) 5mm	2.70	4.04	1.34	46
216	178	Shipping carton (Brown) 500x310x310mm	2.55	3.81	1.26	47
217	210	Packing knife with metal insert blade (Yellow) 18mm	2.40	3.59	1.19	48
218	186	Shipping carton (Brown) 457x457x457mm	2.10	3.14	1.04	49
219	185	Shipping carton (Brown) 356x356x279mm	2.04	3.05	1.01	50
220	209	Packing knife with metal insert blade (Yellow) 9mm	1.89	2.83	0.94	51
221	182	Shipping carton (Brown) 457x279x279mm	1.28	1.91	0.63	52
222	181	Shipping carton (Brown) 356x229x229mm	1.14	1.70	0.56	53
223	180	Shipping carton (Brown) 279x254x217mm	1.11	1.66	0.55	54
224	179	Shipping carton (Brown) 229x229x229mm	1.05	1.57	0.52	55
225	177	Shipping carton (Brown) 413x285x187mm	1.05	1.57	0.52	55
226	187	Express post box 5kg (White) 350x280x130mm	0.95	1.42	0.47	56
227	188	3 kg Courier post bag (White) 300x190x95mm	0.66	0.99	0.33	57

#### Query 5 – Supplier-Product Roll-Up (Comma-Separated List)

SupplierDetails	ProductDetails
1 A Datum Corporation	220 Novelty chilli chocolates 250g/, 221 Novelty chilli chocolates 500g/, 222 Chocolate beetles 250g/, 223 Chocolate echidnas 250g/, 224 Chocolate frogs 250g/, 225 Chocolate sharks 250g/, 226 White chocolate snow balls 250g/, 227 White chocolate moon rocks 250g
2 Contoso, Ltd.	150 Pack of 12 action figures (variety)/, 151 Pack of 12 action figures (male)/, 152 Pack of 12 action figures (female)
4 Fabrikam, Inc.	76 "The Gu" red shirt XML tag t-shirt (White) 3XS/, 77 "The Gu" red shirt XML tag t-shirt (White) XXS/, 78 "The Gu" red shirt XML tag t-shirt (White) XS/, 79 "The Gu" red shirt XML tag t-shirt (White) S/, 80 "The Gu" red shirt XML tag t-shirt (White) M/, 81 "The Gu" red shirt XML tag t-shirt (White) L/, 82 "The Gu" red shirt XML tag t-shirt (White) XL/, 83 "The Gu" red shirt XML tag t-shirt (White) XXL/, 84 "The Gu" red shirt XML tag t-shirt (White) 3XL/, 85 "The Gu" red shirt XML tag t-

	<p>shirt (White) 4XL/, 86 "The Gu" red shirt XML tag t-shirt (White) 5XL/, 87 "The Gu" red shirt XML tag t-shirt (White) 6XL/, 88 "The Gu" red shirt XML tag t-shirt (White) 7XL/, 89 "The Gu" red shirt XML tag t-shirt (Black) 3XS/, 90 "The Gu" red shirt XML tag t-shirt (Black) XXS/, 91 "The Gu" red shirt XML tag t-shirt (Black) XS/, 92 "The Gu" red shirt XML tag t-shirt (Black) S/, 93 "The Gu" red shirt XML tag t-shirt (Black) M/, 94 "The Gu" red shirt XML tag t-shirt (Black) L/, 95 "The Gu" red shirt XML tag t-shirt (Black) XL/, 96 "The Gu" red shirt XML tag t-shirt (Black) XXL/, 97 "The Gu" red shirt XML tag t-shirt (Black) 3XL/, 98 "The Gu" red shirt XML tag t-shirt (Black) 4XL/, 99 "The Gu" red shirt XML tag t-shirt (Black) 5XL/, 100 "The Gu" red shirt XML tag t-shirt (Black) 6XL/, 101 "The Gu" red shirt XML tag t-shirt (Black) 7XL/, 102 Alien officer hoodie (Black) XL/, 103 Alien officer hoodie (Black) XXL/, 104 Alien officer hoodie (Black) 3XL/, 105 Alien officer hoodie (Black) 4XL/, 106 Alien officer hoodie (Black) 5XL/, 107 Superhero action jacket (Blue) 3XS/, 108 Superhero action jacket (Blue) XXS/, 109 Superhero action jacket (Blue) XS/, 110 Superhero action jacket (Blue) S/, 111 Superhero action jacket (Blue) M/, 112 Superhero action jacket (Blue) L/, 113 Superhero action jacket (Blue) XL/, 114 Superhero action jacket (Blue) XXL/, 115 Superhero action jacket (Blue) 3XL/, 116 Superhero action jacket (Blue) 4XL/, 117 Superhero action jacket (Blue) 5XL/, 118 Dinosaur battery-powered slippers (Green) S/, 119 Dinosaur battery-powered slippers (Green) M/, 120 Dinosaur battery-powered slippers (Green) L/, 121 Dinosaur battery-powered slippers (Green) XL/, 122 Ogre battery-powered slippers (Green) S/, 123 Ogre battery-powered slippers (Green) M/, 124 Ogre battery-powered slippers (Green) L/, 125 Ogre battery-powered slippers (Green) XL/, 126 Plush shark slippers (Gray) S/, 127 Plush shark slippers (Gray) M/, 128 Plush shark slippers (Gray) L/, 129 Plush shark slippers (Gray) XL/, 130 Furry gorilla with big eyes slippers (Black) S/, 131 Furry gorilla with big eyes slippers (Black) M/, 132 Furry gorilla with big eyes slippers (Black) L/, 133 Furry gorilla with big eyes slippers (Black) XL/, 134 Animal with big feet slippers (Brown) S/, 135 Animal with big feet slippers (Brown) M/, 136 Animal with big feet slippers (Brown) L/, 137 Animal with big feet slippers (Brown) XL/, 138 Furry animal socks (Pink) S/, 139 Furry animal socks (Pink) M/, 140 Furry animal socks (Pink) L/, 141 Furry animal socks (Pink) XL/, 142 Halloween zombie mask (Light Brown) S/, 143 Halloween zombie mask (Light Brown) M/, 144 Halloween zombie mask (Light Brown) L/, 145 Halloween zombie mask (Light Brown) XL/, 146 Halloween skull mask (Gray) S/, 147 Halloween skull mask (Gray) M/, 148 Halloween skull mask (Gray) L/, 149 Halloween skull mask (Gray) XL</p>
5 Graphic Design Institute	<p>16 DBA joke mug - mind if I join you? (White)/, 17 DBA joke mug - mind if I join you? (Black)/, 18 DBA joke mug - daaaaaa-ta (White)/, 19 DBA joke mug - daaaaaa-ta (Black)/, 20 DBA joke mug - you might be a DBA if (White)/, 21 DBA joke mug - you might be a DBA if (Black)/, 22 DBA joke mug - it depends (White)/, 23 DBA joke mug - it depends (Black)/, 24 DBA joke mug - I will get you in order (White)/, 25 DBA joke mug - I will get you in order (Black)/, 26 DBA joke mug - SELECT caffeine FROM mug (White)/, 27 DBA joke mug - SELECT caffeine FROM mug (Black)/, 28 DBA joke mug - two types of DBAs (White)/, 29 DBA joke mug - two types of DBAs (Black)/, 30 Developer joke mug - Oct 31 = Dec 25 (White)/, 31 Developer joke mug - Oct 31 = Dec 25 (Black)/, 32 Developer joke mug - that's a hardware problem (White)/, 33 Developer joke mug - that's a hardware problem (Black)/, 34 Developer joke mug - fun was unexpected at this time (White)/, 35 Developer joke mug - fun was unexpected at this time (Black)/, 36 Developer joke mug - when your hammer is C++ (White)/, 37 Developer joke mug - when your hammer is C++ (Black)/, 38 Developer joke mug - inheritance is the OO way to become wealthy (White)/, 39 Developer joke mug - inheritance is the OO way to become wealthy (Black)/, 40 Developer joke mug - (hip, hip, array) (White)/, 41 Developer joke mug - (hip, hip, array) (Black)/, 42 Developer joke mug - understanding recursion requires understanding recursion (White)/, 43 Developer joke mug - understanding recursion requires understanding recursion (Black)/, 44 Developer joke mug - there are 10 types of people in the world (White)/, 45 Developer joke mug - there are 10 types of people in the world (Black)/, 46 Developer joke mug - a foo walks into a bar (White)/, 47 Developer joke mug - a foo walks into a bar (Black)/, 48 Developer joke mug - this code was generated by a tool (White)/, 49 Developer joke mug - this code was generated by a tool (Black)/,</p>

	50 Developer joke mug - old C developers never die (White)/, 51 Developer joke mug - old C developers never die (Black)/, 52 IT joke mug - keyboard not found ... press F1 to continue (White)/, 53 IT joke mug - keyboard not found ... press F1 to continue (Black)/, 54 IT joke mug - that behavior is by design (White)/, 55 IT joke mug - that behavior is by design (Black)/, 56 IT joke mug - hardware: part of the computer that can be kicked (White)/, 57 IT joke mug - hardware: part of the computer that can be kicked (Black)
7 Litware, Inc.	153 Small sized bubblewrap roll 10m/, 154 Medium sized bubblewrap roll 20m/, 155 Large sized bubblewrap roll 50m/, 156 10 mm Double sided bubble wrap 10m/, 157 10 mm Double sided bubble wrap 20m/, 158 10 mm Double sided bubble wrap 50m/, 159 20 mm Double sided bubble wrap 10m/, 160 20 mm Double sided bubble wrap 20m/, 161 20 mm Double sided bubble wrap 50m/, 162 32 mm Double sided bubble wrap 10m/, 163 32 mm Double sided bubble wrap 20m/, 164 32 mm Double sided bubble wrap 50m/, 165 10 mm Anti static bubble wrap (Blue) 10m/, 166 10 mm Anti static bubble wrap (Blue) 20m/, 167 10 mm Anti static bubble wrap (Blue) 50m/, 168 20 mm Anti static bubble wrap (Blue) 10m/, 169 20 mm Anti static bubble wrap (Blue) 20m/, 170 20 mm Anti static bubble wrap (Blue) 50m/, 171 32 mm Anti static bubble wrap (Blue) 10m/, 172 32 mm Anti static bubble wrap (Blue) 20m/, 173 32 mm Anti static bubble wrap (Blue) 50m/, 174 Bubblewrap dispenser (Black) 1.5m/, 175 Bubblewrap dispenser (Blue) 1.5m/, 176 Bubblewrap dispenser (Red) 1.5m/, 177 Shipping carton (Brown) 413x285x187mm/, 178 Shipping carton (Brown) 500x310x310mm/, 179 Shipping carton (Brown) 229x229x229mm/, 180 Shipping carton (Brown) 279x254x217mm/, 181 Shipping carton (Brown) 356x229x229mm/, 182 Shipping carton (Brown) 457x279x279mm/, 183 Shipping carton (Brown) 480x270x320mm/, 184 Shipping carton (Brown) 305x305x305mm/, 185 Shipping carton (Brown) 356x356x279mm/, 186 Shipping carton (Brown) 457x457x457mm/, 187 Express post box 5kg (White) 350x280x130mm/, 188 3 kg Courier post bag (White) 300x190x95mm/, 189 Clear packaging tape 48mmx75m/, 190 Clear packaging tape 48mmx100m/, 191 Black and orange fragile despatch tape 48mmx75m/, 192 Black and orange fragile despatch tape 48mmx100m/, 193 Black and orange glass with care despatch tape 48mmx75m/, 194 Black and orange glass with care despatch tape 48mmx100m/, 195 Black and orange handle with care despatch tape 48mmx75m/, 196 Black and orange handle with care despatch tape 48mmx100m/, 197 Black and orange this way up despatch tape 48mmx75m/, 198 Black and orange this way up despatch tape 48mmx100m/, 199 Black and yellow heavy despatch tape 48mmx75m/, 200 Black and yellow heavy despatch tape 48mmx100m/, 201 Red and white urgent despatch tape 48mmx75m/, 202 Red and white urgent heavy despatch tape 48mmx100m/, 203 Tape dispenser (Black)/, 204 Tape dispenser (Red)/, 205 Tape dispenser (Blue)/, 206 Permanent marker black 5mm nib (Black) 5mm/, 207 Permanent marker blue 5mm nib (Blue) 5mm/, 208 Permanent marker red 5mm nib (Red) 5mm/, 209 Packing knife with metal insert blade (Yellow) 9mm/, 210 Packing knife with metal insert blade (Yellow) 18mm/, 211 Small 9mm replacement blades 9mm/, 212 Large replacement blades 18mm/, 213 Air cushion film 200mmx100mm 325m/, 214 Air cushion film 200mmx200mm 325m/, 215 Air cushion machine (Blue)/, 216 Void fill 100 L bag (White) 100L/, 217 Void fill 200 L bag (White) 200L/, 218 Void fill 300 L bag (White) 300L/, 219 Void fill 400 L bag (White) 400L
10 Northwind Electric Cars	58 RC toy sedan car with remote control (Black) 1/50 scale/, 59 RC toy sedan car with remote control (Red) 1/50 scale/, 60 RC toy sedan car with remote control (Blue) 1/50 scale/, 61 RC toy sedan car with remote control (Green) 1/50 scale/, 62 RC toy sedan car with remote control (Yellow) 1/50 scale/, 63 RC toy sedan car with remote control (Pink) 1/50 scale/, 64 RC vintage American toy coupe with remote control (Red) 1/50 scale/, 65 RC vintage American toy coupe with remote control (Black) 1/50 scale/, 66 RC big wheel monster truck with remote control (Black) 1/50 scale/, 67 Ride on toy sedan car (Black) 1/12 scale/, 68 Ride on toy sedan car (Red) 1/12 scale/, 69 Ride on toy sedan car (Blue) 1/12 scale/, 70 Ride on toy sedan car (Green) 1/12 scale/, 71 Ride on toy sedan car (Yellow) 1/12 scale/, 72 Ride on toy sedan car (Pink) 1/12 scale/, 73 Ride on vintage American toy coupe (Red) 1/12 scale/, 74 Ride on vintage American toy coupe (Black) 1/12 scale/, 75 Ride on big wheel monster truck (Black) 1/12 scale

12 The Phone Company	1 USB missile launcher (Green)/, 2 USB rocket launcher (Gray)/, 3 Office cube periscope (Black)/, 4 USB food flash drive - sushi roll/, 5 USB food flash drive - hamburger/, 6 USB food flash drive - hot dog/, 7 USB food flash drive - pizza slice/, 8 USB food flash drive - dim sum 10 drive variety pack/, 9 USB food flash drive - banana/, 10 USB food flash drive - chocolate bar/, 11 USB food flash drive - cookie/, 12 USB food flash drive - donut/, 13 USB food flash drive - shrimp cocktail/, 14 USB food flash drive - fortune cookie/, 15 USB food flash drive - dessert 10 drive variety pack
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#### Query 6 – Top-5 Customers by Total Extended Price + Geo Details

CustomerID	CityName	CountryName	Continent	Region	TotalExtendedPrice
149	Inguadona	United States	North America	Americas	438,689.81
132	Minidoka	United States	North America	Americas	427,445.57
977	North Eaton	United States	North America	Americas	424,324.76
580	Sarversville	United States	North America	Americas	420,001.08
954	Mary Esther	United States	North America	Americas	416,005.03

#### Query 7 – Monthly Sales, Running Totals, and Yearly Grand Totals

OrderYear	OrderMonth	MonthlyTotal	CumulativeTotal
2013	1	3,808,642.85	3,808,642.85
2013	2	2,786,074.20	6,594,717.05
2013	3	3,917,910.10	10,512,627.15
2013	4	4,102,790.05	14,615,417.20
2013	5	4,472,734.35	19,088,151.55
2013	6	4,091,322.60	23,179,474.15
2013	7	4,432,621.85	27,612,096.00
2013	8	3,512,359.00	31,124,455.00
2013	9	3,816,924.85	34,941,379.85
2013	10	3,783,829.25	38,725,209.10
2013	11	3,727,769.10	42,452,978.20
2013	12	3,644,929.00	46,097,907.20
2013	GrandTotal	46,097,907.20	46,097,907.20
2014	1	7,900,738.45	4,092,095.60
2014	2	6,272,115.40	7,578,136.80
2014	3	7,779,617.25	11,439,843.95
2014	4	8,197,179.10	15,534,233.00
2014	5	9,078,843.25	20,140,341.90
2014	6	8,357,814.80	24,406,834.10
2014	7	9,239,411.30	29,213,623.55
2014	8	7,607,638.00	33,308,902.55
2014	9	7,695,131.50	37,187,109.20
2014	10	8,235,752.70	41,639,032.65

2014	11	7,758,170.85	45,669,434.40
2014	12	8,002,408.40	50,026,913.80
2014	GrandTotal	50,026,913.80	50,026,913.80
2015	1	12,312,183.30	4,411,444.85
2015	2	10,468,636.85	8,607,966.30
2015	3	12,292,718.00	13,121,067.05
2015	4	13,269,772.75	18,193,660.70
2015	5	13,554,303.80	22,669,121.25
2015	6	12,867,980.05	27,179,286.50
2015	7	14,372,498.50	32,312,373.70
2015	8	11,540,320.50	36,245,056.20
2015	9	12,340,834.60	40,890,759.30
2015	10	12,689,146.80	45,344,153.40
2015	11	11,798,935.95	49,384,918.50
2015	12	12,419,918.95	53,802,429.05
2015	GrandTotal	53,802,429.05	53,802,429.05
2016	1	16,716,192.35	4,404,009.05
2016	2	14,405,221.60	8,340,593.80
2016	3	16,874,884.90	12,922,760.70
2016	4	17,781,765.75	17,434,753.70
2016	5	18,453,641.25	22,334,091.15
2016	GrandTotal	22,334,091.15	22,334,091.15

#### Query 8 – Pivot: Order Counts by Month and Year

MonthOrder	2013	2014	2015	2016
1	1674	1791	1830	1944
2	1139	1538	1732	1706
3	1683	1586	1891	1969
4	1696	1739	2111	1951
5	1808	1908	1959	2047
6	1675	1887	1989	0
7	1886	2008	2273	0
8	1537	1642	1729	0
9	1617	1637	2065	0
10	1618	1921	1965	0
11	1552	1628	1834	0
12	1565	1914	1951	0

#### Query 9 – Customer Order Gaps & Churn Flag

CustomerID	CustomerName	OrderDate	PreviousOrderDate	DaysSinceLastOrder	AvgSinceLastOrder	CustomerStatus
24	Tailspin Toys (Dundarrach, NC)	2013-01-25	NULL	NULL	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-02-11	2013-01-25	17	11	Active



24	Tailspin Toys (Dundarrach, NC)	2013-02-15	2013-02-11	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-03-23	2013-02-15	36	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2013-04-03	2013-03-23	11	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-06-28	2013-04-03	86	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2013-06-28	2013-06-28	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-15	2013-06-28	17	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-24	2013-07-15	9	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-25	2013-07-24	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-25	2013-07-25	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-25	2013-07-25	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-07-25	2013-07-25	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-08-12	2013-07-25	18	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-08-12	2013-08-12	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-08-19	2013-08-12	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-09-05	2013-08-19	17	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-09-13	2013-09-05	8	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-10-04	2013-09-13	21	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-10-08	2013-10-04	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-10-23	2013-10-08	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-01	2013-10-23	9	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-06	2013-11-01	5	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-13	2013-11-06	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-19	2013-11-13	6	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-21	2013-11-19	2	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-25	2013-11-21	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-11-28	2013-11-25	3	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-12-19	2013-11-28	21	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-12-20	2013-12-19	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2013-12-27	2013-12-20	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-01-01	2013-12-27	5	11	Active

24	Tailspin Toys (Dundarrach, NC)	2014-01-13	2014-01-01	12	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-01-15	2014-01-13	2	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-01-22	2014-01-15	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-02-18	2014-01-22	27	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2014-03-05	2014-02-18	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-03-06	2014-03-05	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-04-10	2014-03-06	35	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2014-04-14	2014-04-10	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-04-14	2014-04-14	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-05-02	2014-04-14	18	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-05-14	2014-05-02	12	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-05-29	2014-05-14	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-05-30	2014-05-29	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-06-07	2014-05-30	8	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-06-14	2014-06-07	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-06-26	2014-06-14	12	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-06-30	2014-06-26	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-07-07	2014-06-30	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-07-24	2014-07-07	17	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-07-24	2014-07-24	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-08-16	2014-07-24	23	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2014-08-27	2014-08-16	11	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-09-02	2014-08-27	6	11	Active
24	Tailspin Toys (Dundarrach, NC)	2014-11-17	2014-09-02	76	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2014-12-15	2014-11-17	28	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2014-12-19	2014-12-15	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-01-30	2014-12-19	42	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-01-31	2015-01-30	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-02-28	2015-01-31	28	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-03-10	2015-02-28	10	11	Active

24	Tailspin Toys (Dundarrach, NC)	2015-03-27	2015-03-10	17	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-04-08	2015-03-27	12	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-04-10	2015-04-08	2	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-07	2015-04-10	27	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-05-13	2015-05-07	6	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-16	2015-05-13	3	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-20	2015-05-16	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-20	2015-05-20	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-21	2015-05-20	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-23	2015-05-21	2	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-05-27	2015-05-23	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-10	2015-05-27	14	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-19	2015-06-10	9	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-19	2015-06-19	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-19	2015-06-19	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-25	2015-06-19	6	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-06-26	2015-06-25	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-07-06	2015-06-26	10	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-07-08	2015-07-06	2	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-08-03	2015-07-08	26	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-08-04	2015-08-03	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-08-11	2015-08-04	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-08-26	2015-08-11	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-08-27	2015-08-26	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-10-27	2015-08-27	61	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-12-11	2015-10-27	45	11	Potential Churn
24	Tailspin Toys (Dundarrach, NC)	2015-12-15	2015-12-11	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-12-22	2015-12-15	7	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-12-31	2015-12-22	9	11	Active
24	Tailspin Toys (Dundarrach, NC)	2015-12-31	2015-12-31	0	11	Active

24	Tailspin Toys (Dundarrach, NC)	2016-01-12	2015-12-31	12	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-01-13	2016-01-12	1	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-01-21	2016-01-13	8	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-01-21	2016-01-21	0	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-01-25	2016-01-21	4	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-02-10	2016-01-25	16	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-02-18	2016-02-10	8	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-02-29	2016-02-18	11	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-03-15	2016-02-29	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-03-30	2016-03-15	15	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-04-05	2016-03-30	6	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-04-08	2016-04-05	3	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-04-19	2016-04-08	11	11	Active
24	Tailspin Toys (Dundarrach, NC)	2016-05-24	2016-04-19	35	11	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-01-18	NULL	NULL	9	Active
25	Tailspin Toys (Avenal, CA)	2013-01-22	2013-01-18	4	9	Active
25	Tailspin Toys (Avenal, CA)	2013-01-29	2013-01-22	7	9	Active
25	Tailspin Toys (Avenal, CA)	2013-02-01	2013-01-29	3	9	Active
25	Tailspin Toys (Avenal, CA)	2013-02-18	2013-02-01	17	9	Active
25	Tailspin Toys (Avenal, CA)	2013-02-18	2013-02-18	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-02-19	2013-02-18	1	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-01	2013-02-19	10	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-01	2013-03-01	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-06	2013-03-01	5	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-09	2013-03-06	3	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-12	2013-03-09	3	9	Active
25	Tailspin Toys (Avenal, CA)	2013-03-12	2013-03-12	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-04-10	2013-03-12	29	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-04-19	2013-04-10	9	9	Active
25	Tailspin Toys (Avenal, CA)	2013-04-29	2013-04-19	10	9	Active

25	Tailspin Toys (Avenal, CA)	2013-05-21	2013-04-29	22	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-05-29	2013-05-21	8	9	Active
25	Tailspin Toys (Avenal, CA)	2013-08-08	2013-05-29	71	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-08-16	2013-08-08	8	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-05	2013-08-16	20	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-09-14	2013-09-05	9	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-20	2013-09-14	6	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-20	2013-09-20	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-20	2013-09-20	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-26	2013-09-20	6	9	Active
25	Tailspin Toys (Avenal, CA)	2013-09-26	2013-09-26	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-10-11	2013-09-26	15	9	Active
25	Tailspin Toys (Avenal, CA)	2013-10-15	2013-10-11	4	9	Active
25	Tailspin Toys (Avenal, CA)	2013-10-17	2013-10-15	2	9	Active
25	Tailspin Toys (Avenal, CA)	2013-10-24	2013-10-17	7	9	Active
25	Tailspin Toys (Avenal, CA)	2013-12-12	2013-10-24	49	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2013-12-12	2013-12-12	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-12-12	2013-12-12	0	9	Active
25	Tailspin Toys (Avenal, CA)	2013-12-12	2013-12-12	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-01-06	2013-12-12	25	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2014-01-27	2014-01-06	21	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2014-01-27	2014-01-27	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-02-14	2014-01-27	18	9	Active
25	Tailspin Toys (Avenal, CA)	2014-02-18	2014-02-14	4	9	Active
25	Tailspin Toys (Avenal, CA)	2014-02-18	2014-02-18	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-02-25	2014-02-18	7	9	Active
25	Tailspin Toys (Avenal, CA)	2014-02-26	2014-02-25	1	9	Active
25	Tailspin Toys (Avenal, CA)	2014-03-10	2014-02-26	12	9	Active
25	Tailspin Toys (Avenal, CA)	2014-05-01	2014-03-10	52	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2014-05-01	2014-05-01	0	9	Active

25	Tailspin Toys (Avenal, CA)	2014-05-08	2014-05-01	7	9	Active
25	Tailspin Toys (Avenal, CA)	2014-05-15	2014-05-08	7	9	Active
25	Tailspin Toys (Avenal, CA)	2014-05-15	2014-05-15	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-05-16	2014-05-15	1	9	Active
25	Tailspin Toys (Avenal, CA)	2014-05-23	2014-05-16	7	9	Active
25	Tailspin Toys (Avenal, CA)	2014-06-12	2014-05-23	20	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2014-06-12	2014-06-12	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-06-14	2014-06-12	2	9	Active
25	Tailspin Toys (Avenal, CA)	2014-06-24	2014-06-14	10	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-11	2014-06-24	17	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-14	2014-07-11	3	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-14	2014-07-14	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-14	2014-07-14	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-24	2014-07-14	10	9	Active
25	Tailspin Toys (Avenal, CA)	2014-07-25	2014-07-24	1	9	Active
25	Tailspin Toys (Avenal, CA)	2014-08-04	2014-07-25	10	9	Active
25	Tailspin Toys (Avenal, CA)	2014-08-18	2014-08-04	14	9	Active
25	Tailspin Toys (Avenal, CA)	2014-08-25	2014-08-18	7	9	Active
25	Tailspin Toys (Avenal, CA)	2014-09-02	2014-08-25	8	9	Active
25	Tailspin Toys (Avenal, CA)	2014-09-10	2014-09-02	8	9	Active
25	Tailspin Toys (Avenal, CA)	2014-09-23	2014-09-10	13	9	Active
25	Tailspin Toys (Avenal, CA)	2014-09-25	2014-09-23	2	9	Active
25	Tailspin Toys (Avenal, CA)	2014-10-06	2014-09-25	11	9	Active
25	Tailspin Toys (Avenal, CA)	2014-10-08	2014-10-06	2	9	Active
25	Tailspin Toys (Avenal, CA)	2014-10-28	2014-10-08	20	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2014-10-28	2014-10-28	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-10-31	2014-10-28	3	9	Active
25	Tailspin Toys (Avenal, CA)	2014-11-03	2014-10-31	3	9	Active
25	Tailspin Toys (Avenal, CA)	2014-11-03	2014-11-03	0	9	Active
25	Tailspin Toys (Avenal, CA)	2014-11-03	2014-11-03	0	9	Active

25	Tailspin Toys (Avenal, CA)	2014-11-19	2014-11-03	16	9	Active
25	Tailspin Toys (Avenal, CA)	2014-12-02	2014-11-19	13	9	Active
25	Tailspin Toys (Avenal, CA)	2014-12-08	2014-12-02	6	9	Active
25	Tailspin Toys (Avenal, CA)	2014-12-18	2014-12-08	10	9	Active
25	Tailspin Toys (Avenal, CA)	2014-12-23	2014-12-18	5	9	Active
25	Tailspin Toys (Avenal, CA)	2014-12-24	2014-12-23	1	9	Active
25	Tailspin Toys (Avenal, CA)	2015-01-03	2014-12-24	10	9	Active
25	Tailspin Toys (Avenal, CA)	2015-01-03	2015-01-03	0	9	Active
25	Tailspin Toys (Avenal, CA)	2015-01-19	2015-01-03	16	9	Active
25	Tailspin Toys (Avenal, CA)	2015-02-27	2015-01-19	39	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-03-02	2015-02-27	3	9	Active
25	Tailspin Toys (Avenal, CA)	2015-03-25	2015-03-02	23	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-03-31	2015-03-25	6	9	Active
25	Tailspin Toys (Avenal, CA)	2015-04-11	2015-03-31	11	9	Active
25	Tailspin Toys (Avenal, CA)	2015-04-24	2015-04-11	13	9	Active
25	Tailspin Toys (Avenal, CA)	2015-04-28	2015-04-24	4	9	Active
25	Tailspin Toys (Avenal, CA)	2015-05-14	2015-04-28	16	9	Active
25	Tailspin Toys (Avenal, CA)	2015-05-25	2015-05-14	11	9	Active
25	Tailspin Toys (Avenal, CA)	2015-06-01	2015-05-25	7	9	Active
25	Tailspin Toys (Avenal, CA)	2015-06-01	2015-06-01	0	9	Active
25	Tailspin Toys (Avenal, CA)	2015-07-22	2015-06-01	51	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-07-24	2015-07-22	2	9	Active
25	Tailspin Toys (Avenal, CA)	2015-07-29	2015-07-24	5	9	Active
25	Tailspin Toys (Avenal, CA)	2015-07-30	2015-07-29	1	9	Active
25	Tailspin Toys (Avenal, CA)	2015-09-07	2015-07-30	39	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-09-07	2015-09-07	0	9	Active
25	Tailspin Toys (Avenal, CA)	2015-09-17	2015-09-07	10	9	Active
25	Tailspin Toys (Avenal, CA)	2015-10-12	2015-09-17	25	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-10-14	2015-10-12	2	9	Active
25	Tailspin Toys (Avenal, CA)	2015-10-15	2015-10-14	1	9	Active

25	Tailspin Toys (Avenal, CA)	2015-10-29	2015-10-15	14	9	Active
25	Tailspin Toys (Avenal, CA)	2015-10-31	2015-10-29	2	9	Active
25	Tailspin Toys (Avenal, CA)	2015-10-31	2015-10-31	0	9	Active
25	Tailspin Toys (Avenal, CA)	2015-11-20	2015-10-31	20	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2015-12-18	2015-11-20	28	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2016-01-02	2015-12-18	15	9	Active
25	Tailspin Toys (Avenal, CA)	2016-01-21	2016-01-02	19	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2016-01-25	2016-01-21	4	9	Active
25	Tailspin Toys (Avenal, CA)	2016-02-26	2016-01-25	32	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2016-02-29	2016-02-26	3	9	Active
25	Tailspin Toys (Avenal, CA)	2016-03-17	2016-02-29	17	9	Active
25	Tailspin Toys (Avenal, CA)	2016-04-15	2016-03-17	29	9	Potential Churn
25	Tailspin Toys (Avenal, CA)	2016-04-18	2016-04-15	3	9	Active
25	Tailspin Toys (Avenal, CA)	2016-04-22	2016-04-18	4	9	Active
25	Tailspin Toys (Avenal, CA)	2016-05-05	2016-04-22	13	9	Active
25	Tailspin Toys (Avenal, CA)	2016-05-06	2016-05-05	1	9	Active
25	Tailspin Toys (Avenal, CA)	2016-05-09	2016-05-06	3	9	Active

#### Query 10 – Customer Counts & Percent Share by Category

CustomerCategoryName	CategoryCount	TotalCustomers	CategoryPct
Computer Store	51	263	19.39%
Corporate	47	263	17.87%
Gift Store	48	263	18.25%
Novelty Shop	59	263	22.43%
Supermarket	58	263	22.05%