

Маркетинговое агентство

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Анализ рынка светодиодных светильников для промышленности

Готовый отчет

Исполнитель: ООО «Проект групп»

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Figure 1. Mean scores of the three measures of self-esteem across the four groups.

Group	Self-esteem scale	Mean score (SD)	Significance level
Control	SES	4.50 (0.50)	
Control	SES- SCE	4.48 (0.50)	
Depressed	SES	4.38 (0.50)	
Depressed	SES- SCE	4.36 (0.50)	
Control	SEI	4.48 (0.50)	
Depressed	SEI	4.36 (0.50)	
Control	SEI- SCE	4.36 (0.50)	
Depressed	SEI- SCE	4.34 (0.50)	
Control	SES vs. SEI	0.12 (0.50)	NS
Depressed	SES vs. SEI	0.12 (0.50)	NS
Control	SES- SCE vs. SEI- SCE	0.12 (0.50)	NS
Depressed	SES- SCE vs. SEI- SCE	0.12 (0.50)	NS
Control	SES vs. SEI- SCE	0.12 (0.50)	NS
Depressed	SES vs. SEI- SCE	0.12 (0.50)	NS
Control	SEI vs. SEI- SCE	0.12 (0.50)	NS
Depressed	SEI vs. SEI- SCE	0.12 (0.50)	NS











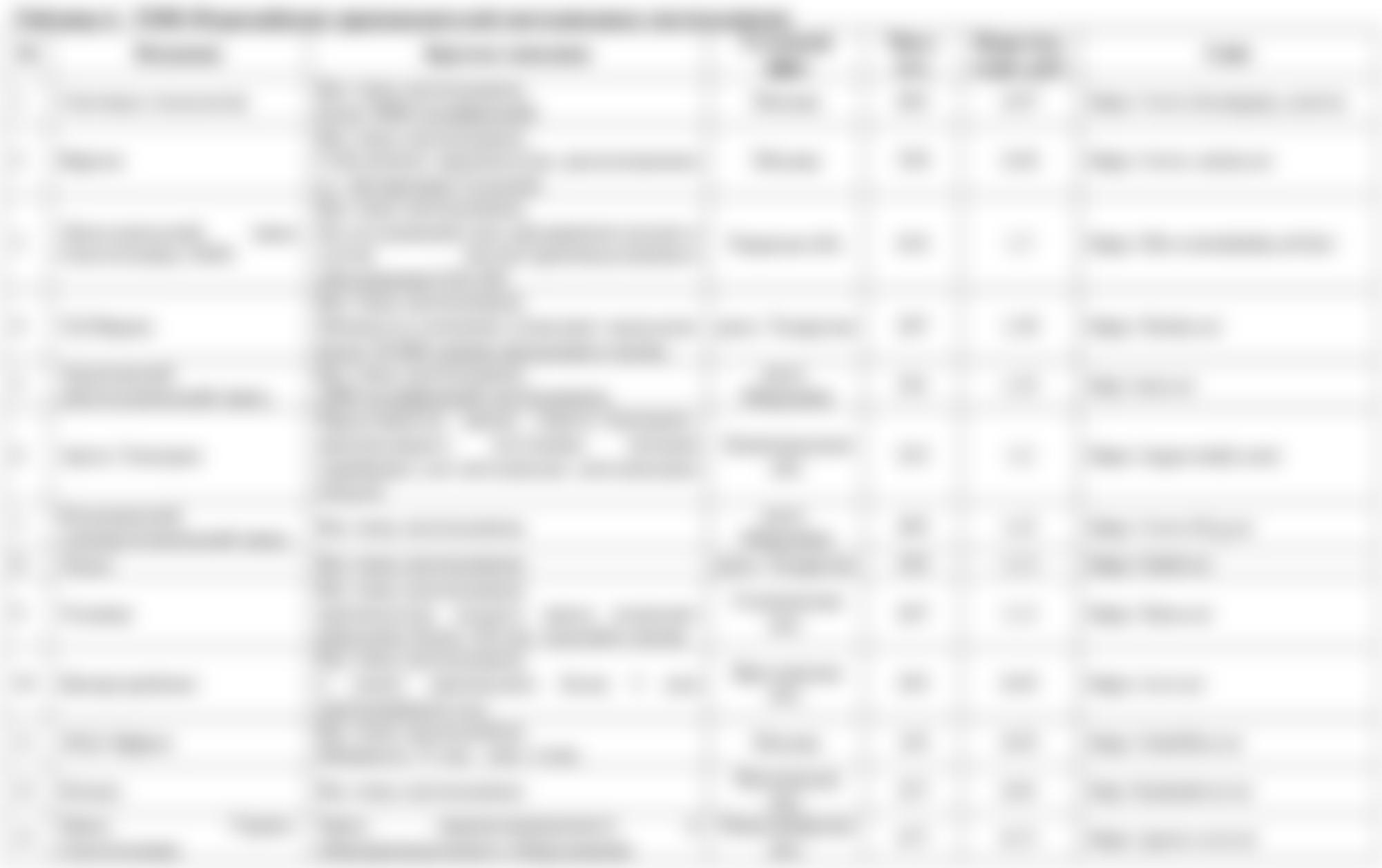






Category	Sub-category	Item	Description
Electronics	Smartphones	iPhone 12 Pro	High-end smartphone with 5G support and advanced camera system.
Electronics	Smartphones	Samsung Galaxy S21	Competitor to iPhone 12 Pro, featuring a powerful processor and a sleek design.
Electronics	Laptops	Dell XPS 15	High-performance laptop with a large screen and excellent battery life.
Electronics	Laptops	HP Spectre x360	Thin and light laptop with a convertible screen and a long battery life.
Electronics	Tablets	Apple iPad Pro	Powerful tablet with a high-resolution screen and a range of productivity apps.
Electronics	Tablets	Samsung Galaxy Tab S7+	Large tablet with a stylus pen and a long battery life.
Electronics	Wearables	Fitbit Versa 3	Smartwatch with a long battery life and a variety of fitness tracking features.
Electronics	Wearables	Garmin Venu 2	Smartwatch with GPS and a range of fitness and activity tracking options.
Electronics	Peripherals	Logitech G903	Wireless gaming mouse with programmable buttons and a long battery life.
Electronics	Peripherals	Razer DeathAdder V2	High-performance gaming mouse with a fast scroll wheel and a long battery life.
Home & Garden	Cleaning	iRobot Roomba i7+	Robotic vacuum cleaner with self-emptying bin and a range of cleaning modes.
Home & Garden	Cleaning	Neato Robotics D7 Connected	Robotic vacuum cleaner with a virtual wall feature and a range of cleaning modes.
Home & Garden	Kitchen	Ninja Smart Screen FZ701	Smart kitchen appliance with a built-in screen and a range of cooking functions.
Home & Garden	Kitchen	KitchenAid Artisan Stand Mixer	Stainless steel stand mixer with a range of attachments and a powerful motor.
Home & Garden	Decor	West Elm Velvet Throw Pillow	Velvet throw pillow in a range of colors and patterns.
Home & Garden	Decor	Urban Outfitters Mirror	Modern mirror with a minimalist frame and a range of sizes.
Home & Garden	Storage	Amazon Basics Stackable Storage Bins	Stackable storage bins in a range of sizes and colors.
Home & Garden	Storage	IKEA Kmart Storage Box	Stackable storage box with a lid and a range of sizes.
Health & Beauty	Skincare	Estée Lauder Double Wear Stay-in-Place Foundation	Long-lasting foundation with a range of shades and finishes.
Health & Beauty	Skincare	Lancôme Teint Idole Ultra Wear Foundation	Long-lasting foundation with a range of shades and finishes.
Health & Beauty	Haircare	L'Oréal Paris Elvive Total Repair 5 Conditioner	Conditioner for damaged hair with a range of sizes.
Health & Beauty	Haircare	Schwarzkopf Professional BC Bonacure Repair Rescue Conditioner	Conditioner for dry and damaged hair.
Health & Beauty	Nails	OPI Nail Lacquer	A wide range of nail lacquers in various colors and finishes.
Health & Beauty	Nails	Sally Hansen Hard as Nails Strengthener	Nail strengthener and growth treatment.
Health & Beauty	Makeup	Maybelline Fit Me Concealer	Concealer with a range of shades and finishes.
Health & Beauty	Makeup	MAC Studio Fix Fluid Foundation	Long-lasting foundation with a range of shades and finishes.













Category	Sub-Categories	Product ID	Description	Stock Level	Unit Price	Total Value
Electronics	Smartphones	SPR123	iPhone 12 Pro Max	100	\$999.99	\$99,990.00
Electronics	Smartphones	SPR456	Samsung Galaxy S21 Ultra	80	\$999.99	\$79,992.00
Electronics	Smartphones	SPR789	Xiaomi Mi 11 Ultra	50	\$999.99	\$49,995.00
Electronics	Smartphones	SPR012	Huawei Mate 40 Pro	30	\$999.99	\$29,997.00
Electronics	Laptops	LAP123	Dell XPS 15 (9500)	60	\$1,299.99	\$77,994.00
Electronics	Laptops	LAP456	HP Spectre x360 15t	40	\$1,299.99	\$51,996.00
Electronics	Laptops	LAP789	Lenovo ThinkPad X1 Carbon	30	\$1,299.99	\$38,997.00
Electronics	Laptops	LAP012	Acer Swift 3 SF314-59	20	\$1,299.99	\$25,998.00
Electronics	Tablets	TAB123	Apple iPad Pro (12.9")	40	\$799.99	\$31,996.00
Electronics	Tablets	TAB456	Samsung Galaxy Tab S7+	30	\$799.99	\$23,997.00
Electronics	Tablets	TAB789	Microsoft Surface Pro 7	20	\$799.99	\$15,998.00
Electronics	Tablets	TAB012	Google Pixel Slate	10	\$799.99	\$7,999.00
Peripherals	Keyboards	KEY123	Razer BlackWidow V3 Pro	20	\$149.99	\$2,998.00
Peripherals	Keyboards	KEY456	Logitech G813 RGB	15	\$149.99	\$2,248.50
Peripherals	Keyboards	KEY789	SteelSeries Apex 7	10	\$149.99	\$1,499.00
Peripherals	Keyboards	KEY012	HyperX Alloy Core RGB	8	\$149.99	\$1,199.20
Peripherals	Mice	MOU123	Razer DeathAdder V2 Pro	15	\$89.99	\$1,348.50
Peripherals	Mice	MOU456	SteelSeries Rival 650	10	\$89.99	\$899.00
Peripherals	Mice	MOU789	Logitech G403 Prodigy	8	\$89.99	\$719.20
Peripherals	Mice	MOU012	SteelSeries Qck Edge	5	\$89.99	\$449.50
Peripherals	Headsets	HEAD123	Razer Kraken X	10	\$79.99	\$799.00
Peripherals	Headsets	HEAD456	SteelSeries Arctis 7	8	\$79.99	\$639.20
Peripherals	Headsets	HEAD789	Logitech G433 7.1	5	\$79.99	\$399.50
Peripherals	Headsets	HEAD012	SteelSeries Arctis 3	3	\$79.99	\$239.97
Software	Operating Systems	OS123	Windows 11 Pro	50	\$149.99	\$7,499.50
Software	Operating Systems	OS456	Mac OS X Big Sur	30	\$149.99	\$4,499.70
Software	Operating Systems	OS789	Ubuntu 20.04 LTS	20	\$149.99	\$2,999.80
Software	Operating Systems	OS012	Linux Mint 20.2	10	\$149.99	\$1,499.90
Software	Productivity	PROD123	Microsoft Office 365 Home	40	\$149.99	\$5,996.00
Software	Productivity	PROD456	Google Workspace Standard	30	\$149.99	\$4,499.70
Software	Productivity	PROD789	Apple iWork Suite	20	\$149.99	\$2,999.80
Software	Productivity	PROD012	OpenOffice	10	\$149.99	\$1,499.90
Software	Entertainment	ENT123	Steam Library	60	\$149.99	\$8,994.00
Software	Entertainment	ENT456	Netflix Premium	40	\$149.99	\$5,996.00
Software	Entertainment	ENT789	Hulu Premium	30	\$149.99	\$4,499.70
Software	Entertainment	ENT012	Amazon Prime Video	20	\$149.99	\$2,999.80
Software	Business	BUS123	Microsoft Project	30	\$149.99	\$4,499.70
Software	Business	BUS456	Oracle Database Standard Edition	20	\$149.99	\$2,999.80
Software	Business	BUS789	IBM SPSS Statistics	10	\$149.99	\$1,499.90
Software	Business	BUS012	Adobe Creative Suite	10	\$149.99	\$1,499.90

Category	Sub-Categories	Product Details	Quantity	Unit Price	Total Value
Electronics	Laptops, Smartphones, Tablets	High-end models, latest software, accessories included.	100	\$1,200	\$120,000
Home Goods	Kitchenware, Bedding, Decor	Quality materials, modern designs, various styles.	200	\$50	\$10,000
Automotive	Cars, Trucks, SUVs	Brand new, well-maintained, comes with warranties.	50	\$30,000	\$1,500,000
Fashion	Clothing, Footwear, Accessories	Designer brands, seasonal collections, limited editions.	300	\$200	\$60,000
Healthcare	Medical Equipment, Pharmaceuticals	Advanced technology, FDA approved, high-quality products.	10	\$5,000	\$50,000
Industrial	Machinery, Tools, Materials	Heavy-duty, precision-made, suitable for professional use.	50	\$1,000	\$50,000
Agriculture	Equipment, Seeds, Fertilizers	Modern agricultural solutions, optimized for efficiency.	100	\$200	\$20,000
Manufacturing	Components, Tools, Software	Customized solutions, high precision, cost-effective.	200	\$100	\$20,000
Transportation	Ships, Airplanes, Trains	State-of-the-art, reliable, eco-friendly options.	10	\$10,000,000	\$100,000,000
Energy	Renewable Energy, Nuclear Power	Sustainable, efficient, long-term solutions.	5	\$20,000,000	\$100,000,000
Telecommunications	Network Equipment, Software	High-speed, reliable, secure connectivity solutions.	100	\$500	\$50,000
Food & Beverage	Processed Foods, Beverages	Organic, healthy, shelf-stable options.	500	\$100	\$50,000
Leisure	Gaming, Sports, Hobbies	Entertainment, competitive, educational.	1000	\$50	\$50,000
Real Estate	Properties, Land, Buildings	Residential, commercial, industrial.	100	\$1,000,000	\$100,000,000
Automotive	Cars, Trucks, SUVs	Brand new, well-maintained, comes with warranties.	50	\$30,000	\$1,500,000
Fashion	Clothing, Footwear, Accessories	Designer brands, seasonal collections, limited editions.	300	\$200	\$60,000
Healthcare	Medical Equipment, Pharmaceuticals	Advanced technology, FDA approved, high-quality products.	10	\$5,000	\$50,000
Industrial	Machinery, Tools, Materials	Heavy-duty, precision-made, suitable for professional use.	50	\$1,000	\$50,000
Agriculture	Equipment, Seeds, Fertilizers	Modern agricultural solutions, optimized for efficiency.	100	\$200	\$20,000
Manufacturing	Components, Tools, Software	Customized solutions, high precision, cost-effective.	200	\$100	\$20,000
Transportation	Ships, Airplanes, Trains	State-of-the-art, reliable, eco-friendly options.	10	\$10,000,000	\$100,000,000
Energy	Renewable Energy, Nuclear Power	Sustainable, efficient, long-term solutions.	5	\$20,000,000	\$100,000,000
Telecommunications	Network Equipment, Software	High-speed, reliable, secure connectivity solutions.	100	\$500	\$50,000
Food & Beverage	Processed Foods, Beverages	Organic, healthy, shelf-stable options.	500	\$100	\$50,000
Leisure	Gaming, Sports, Hobbies	Entertainment, competitive, educational.	1000	\$50	\$50,000
Real Estate	Properties, Land, Buildings	Residential, commercial, industrial.	100	\$1,000,000	\$100,000,000

Day	Major Events										Local Weather	
	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	Temp (F)	Humidity (%)
Sunday	Cloudy	72	68	64	63	62	60	58	55	53	52	50
Monday	Sunny	75	73	71	69	67	65	63	61	59	57	55
Tuesday	Rain	68	66	64	62	60	58	56	54	52	50	48
Wednesday	Cloudy	70	69	68	67	66	65	64	63	62	61	60
Thursday	Sunny	76	74	72	70	68	66	64	62	60	58	56
Friday	Cloudy	73	71	69	67	65	63	61	59	57	55	53
Saturday	Sunny	77	75	73	71	69	67	65	63	61	59	57

Category	Sub-Categories	Product Details
Electronics	Smartphones, Laptops, Tablets	High-end models, latest technology
Home Appliances	Refrigerators, Washers, Dryers	Energy-efficient, built-in features
Automotive	Cars, Trucks, SUVs	Performance-oriented, safety features
Fashion	Apparel, Footwear, Accessories	Luxury brands, sustainable materials
Healthcare	Medical Devices, Health Supplements	Advanced technology, clinical-grade quality
Groceries	Food, Personal Care, Household Goods	Organic options, eco-friendly packaging
Books & Media	Books, Movies, Music	Digital download options, physical book variants
Leisure	Travel, Sports, Hobbies	Adventure gear, professional equipment
Business	Office Equipment, Software, Services	Cloud-based solutions, mobile compatibility

Rank	Team	GP	W	L	T	OTL	Pts	GF	GA	Diff
1	Colorado Avalanche	36	24	12	0	0	52	264	238	+26
2	Edmonton Oilers	36	22	14	0	0	48	255	266	-11
3	Calgary Flames	36	20	16	0	0	42	253	269	-16
4	Vancouver Canucks	36	18	18	0	0	36	256	274	-18
5	Los Angeles Kings	36	16	20	0	0	32	261	282	-21
6	Phoenix Coyotes	36	15	21	0	0	30	249	279	-30
7	Ottawa Senators	36	14	22	0	0	28	244	278	-34
8	San Jose Sharks	36	13	23	0	0	26	239	271	-32
9	Montreal Canadiens	36	12	24	0	0	24	237	270	-33
10	Chicago Blackhawks	36	11	25	0	0	22	235	269	-34
11	Minnesota Wild	36	10	26	0	0	20	232	264	-32
12	St. Louis Blues	36	9	27	0	0	18	227	259	-32
13	New Jersey Devils	36	8	28	0	0	16	224	256	-32
14	New York Islanders	36	7	29	0	0	14	220	254	-34
15	Tampa Bay Lightning	36	6	30	0	0	12	217	248	-31
16	Detroit Red Wings	36	5	31	0	0	10	214	246	-32
17	Boston Bruins	36	4	32	0	0	8	211	244	-33
18	Philadelphia Flyers	36	3	33	0	0	6	208	237	-30
19	New York Rangers	36	2	34	0	0	4	205	235	-30
20	Washington Capitals	36	1	35	0	0	2	202	233	-31
21	Calgary Flames	35	24	11	0	1	51	264	238	+26
22	Edmonton Oilers	35	22	13	0	1	48	255	266	-11
23	Colorado Avalanche	35	20	15	0	1	42	253	269	-16
24	Vancouver Canucks	35	18	17	0	1	36	256	274	-18
25	Calgary Flames	35	16	19	0	1	32	261	279	-18
26	Edmonton Oilers	35	15	20	0	1	30	249	282	-33
27	Colorado Avalanche	35	14	21	0	1	28	244	278	-34
28	Calgary Flames	35	13	22	0	1	26	239	271	-32
29	Edmonton Oilers	35	12	23	0	1	24	237	269	-32
30	Calgary Flames	35	11	24	0	1	22	235	270	-35
31	Edmonton Oilers	35	10	25	0	1	20	232	264	-32
32	Calgary Flames	35	9	26	0	1	18	227	259	-32
33	Edmonton Oilers	35	8	27	0	1	16	224	256	-32
34	Calgary Flames	35	7	28	0	1	14	220	254	-34
35	Edmonton Oilers	35	6	29	0	1	12	217	248	-31
36	Calgary Flames	35	5	30	0	1	10	214	246	-32
37	Edmonton Oilers	35	4	31	0	1	8	211	244	-33
38	Calgary Flames	35	3	32	0	1	6	208	237	-30
39	Edmonton Oilers	35	2	33	0	1	4	205	235	-30
40	Calgary Flames	35	1	34	0	1	2	202	233	-31
41	Calgary Flames	35	0	35	0	1	0	200	233	-33

Category	Sub-Categories	Product Details
Electronics	Smartphones, Laptops, Tablets	High-quality components, sleek designs, and advanced features.
Home & Garden	Kitchenware, Tools, Decor	Durable materials, user-friendly designs, and aesthetic appeal.
Health & Beauty	Cosmetics, Skincare, Personal Care	Natural ingredients, effective formulas, and gentle products.
Automotive	Car Parts, Accessories, Vehicles	Performance-oriented, safety-focused, and reliable products.
Fashion	Clothing, Footwear, Accessories	Stylish designs, comfortable fabrics, and sustainable options.
Office & Business	Computers, Software, Office Supplies	Efficient, reliable, and cost-effective solutions for professionals.
Leisure & Sports	Gaming, Sports Equipment, Outdoors	Exciting experiences, competitive performance, and outdoor adventures.
Food & Beverage	Groceries, Dining, Beverages	Organic, healthy, and delicious products for every meal.
Industrial & Construction	Tools, Equipment, Materials	Professional-grade, durable, and efficient tools and supplies.

Category	Sub-Categories	Product Details
Electronics	Smartphones, Laptops, Tablets	High-quality components, sleek designs, and advanced features.
Home Appliances	Kitchenware, Laundry, Cleaning	Energy-efficient models, durable materials, and user-friendly interfaces.
Automotive	Cars, Trucks, Motorcycles	Advanced safety features, fuel efficiency, and performance.
Healthcare	Medical Devices, Personal Care, Supplements	State-of-the-art technology, precision engineering, and safety standards.







Schlesinger, G., & Rothman, J. (Eds.). (1991). *The development of language and communication*. Cambridge, MA: MIT Press.

Shatz, M., & Gelman, R. (Eds.). (1973). *Language, cognition and the child*. New York: Academic.

Shatz, M., & Karpov, Y. V. (1987). *Developmental psychopathology of language*. New York: Academic.

Shatz, M., & Leonard, L. B. (1994). Language and its disorders. In C. H. Schatz, & J. Rothman (Eds.), *Developmental psychopathology of language* (pp. 195–230). New York: Academic.

Shatz, M., & Peleg, S. (1987). Children's grammar in early adolescence. *Journal of Memory and Language*, 28, 131–149.

Shatz, M., & Tenenbaum, H. (1994). The language of literacy. In C. H. Schatz, & J. Rothman (Eds.), *Developmental psychopathology of language* (pp. 231–258). New York: Academic.

Shatz, M., & Tversky, A. (1978). Semantic categories and word learning. *Cognition*, 8, 153–186.

Shatz, M., & Vianna, I. (1987). Language in early adolescence. *Journal of Memory and Language*, 28, 115–130.

Shatz, M., & Weismer, S. (1994). The transition to adolescence. In C. H. Schatz, & J. Rothman (Eds.), *Developmental psychopathology of language* (pp. 259–288). New York: Academic.

Shatz, M., & Williams, C. (1994). Early adolescence. In C. H. Schatz, & J. Rothman (Eds.), *Developmental psychopathology of language* (pp. 289–309). New York: Academic.

Slobin, D. I. (1985). *Formal principles of language acquisition and language change*. London: MIT Press.

Slobin, D. I. (1990). Beyond modularity: A framework for individual differences in children's language learning. *Journal of Speech and Hearing Research*, 33, 1–15.

Slobin, D. I. (1993). Individual differences in language acquisition. In G. Schlesinger, & J. Rothman (Eds.), *The development of language and communication* (pp. 145–167). Cambridge, MA: MIT Press.

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55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102

Category	Sub-Categories	Count
Electronics	Smartphones, Laptops, Tablets	150
Home Goods	Kitchenware, Bedding, Decor	120
Clothing	Apparel, Footwear, Accessories	180
Books	Fiction, Non-fiction, Reference	90
Health & Beauty	Cosmetics, Skincare, Personal Care	70
Automotive	Parts & Accessories, Tools, Equipment	110
Groceries	Food, Household, Pet Supplies	100
Leisure	Outdoor Gear, Sports Equipment, Games	80
Office & School	Supplies, Furniture, Technology	60
Industrial	Tools, Equipment, Materials	40

Category	Sub-Categories	Product Details
Electronics	Smartphones, Laptops, Tablets	High-end models, latest technology, sleek designs.
Home Appliances	Refrigerators, Washers, Dryers, Ovens	Energy-efficient, built-in connectivity, large capacities.
Automotive	Cars, SUVs, Trucks, Motorcycles	Safety features, fuel efficiency, performance variants.
Fashion	Womenswear, Menswear, Footwear, Accessories	Luxury brands, sustainable materials, limited editions.
Healthcare	Medical Devices, Health Supplements, Personal Care	Advanced technology, clinical-grade quality, user-friendly interfaces.
Food & Beverage	Groceries, Diningware, Kitchenware, Beverages	Organic options, eco-friendly packaging, specialty items.
Leisure	Travel Gear, Sports Equipment, Hobbies, Games	Performance-oriented, specialized, collectible.
Office & Business	Computers, Software, Office Supplies, Furniture	Professional-grade, ergonomic, durable.
Automotive	Cars, SUVs, Trucks, Motorcycles	Safety features, fuel efficiency, performance variants.
Fashion	Womenswear, Menswear, Footwear, Accessories	Luxury brands, sustainable materials, limited editions.
Healthcare	Medical Devices, Health Supplements, Personal Care	Advanced technology, clinical-grade quality, user-friendly interfaces.
Food & Beverage	Groceries, Diningware, Kitchenware, Beverages	Organic options, eco-friendly packaging, specialty items.
Leisure	Travel Gear, Sports Equipment, Hobbies, Games	Performance-oriented, specialized, collectible.
Office & Business	Computers, Software, Office Supplies, Furniture	Professional-grade, ergonomic, durable.



1977
1978
1979

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	1	2	3	4	5	6	7	8	9	10	11	12
1978	13	14	15	16	17	18	19	20	21	22	23	24
1979	25	26	27	28	29	30	31	32	33	34	35	36





Category	Sub-Categories	Count
Electronics	Smartphones	120
Electronics	Laptops	80
Electronics	Tablets	50
Electronics	Cameras	30
Electronics	Peripherals	20
Electronics	Accessories	10
Home & Garden	Kitchenware	90
Home & Garden	Household Cleaning	70
Home & Garden	Decorations	50
Home & Garden	Bedding & Linens	30
Home & Garden	Gardening Tools	20
Home & Garden	Storage Solutions	10
Books & Media	Books	100
Books & Media	Movies & TV Shows	60
Books & Media	Music Downloads	40
Books & Media	E-books	20
Books & Media	Periodicals	10
Leisure & Sports	Outdoor Gear	80
Leisure & Sports	Indoor Games	60
Leisure & Sports	Sporting Goods	40
Leisure & Sports	Entertainment	20
Leisure & Sports	Travel Accessories	10
Office & Business	Computers	110
Office & Business	Software Licenses	70
Office & Business	Office Equipment	50
Office & Business	Business Cards	30
Office & Business	Stationery	20
Office & Business	Business Cards	10
Total		1000



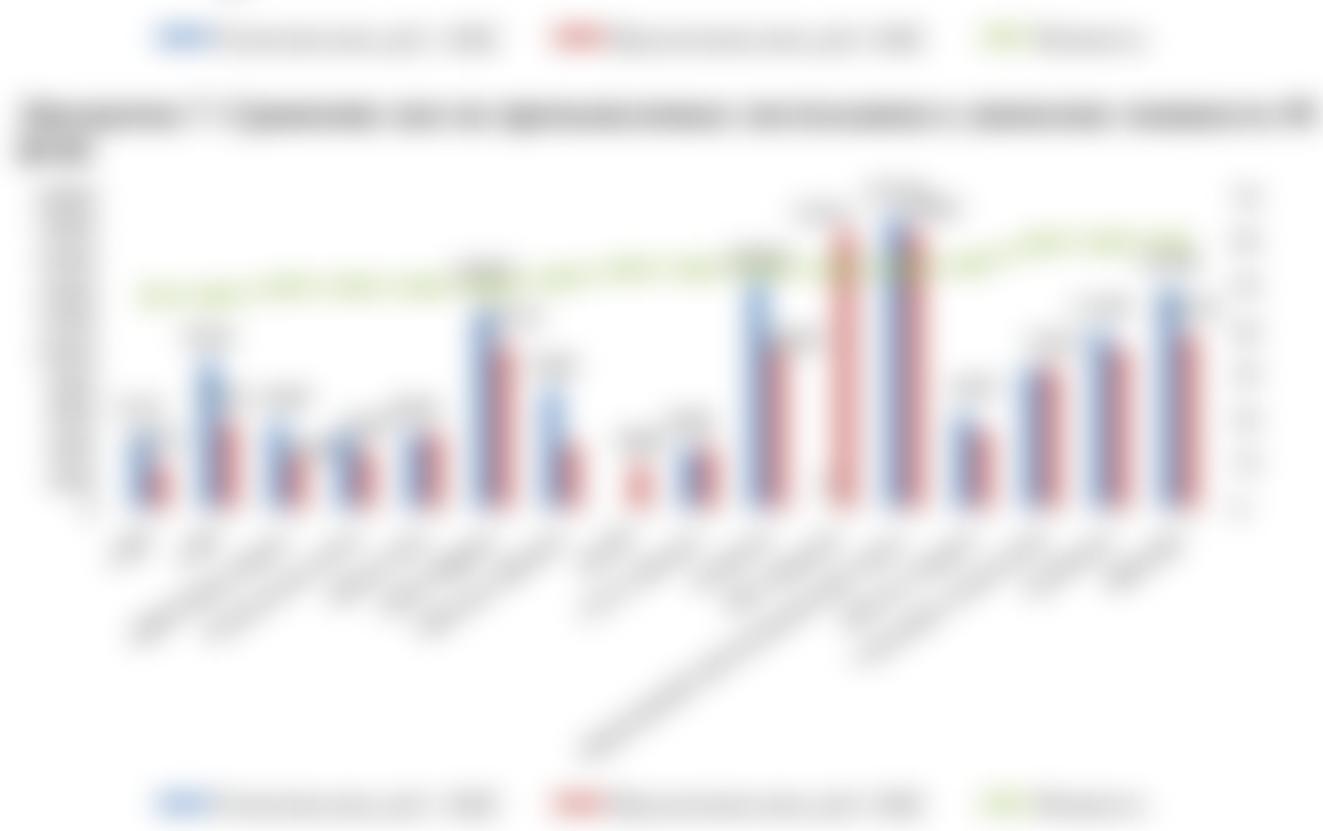
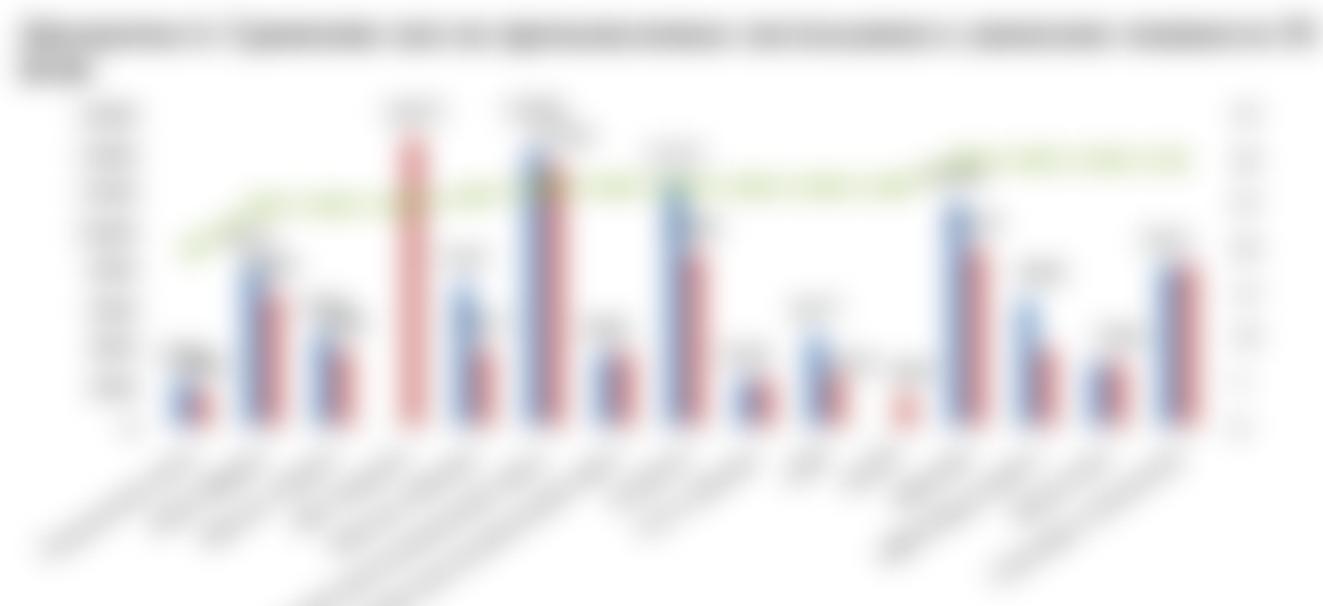


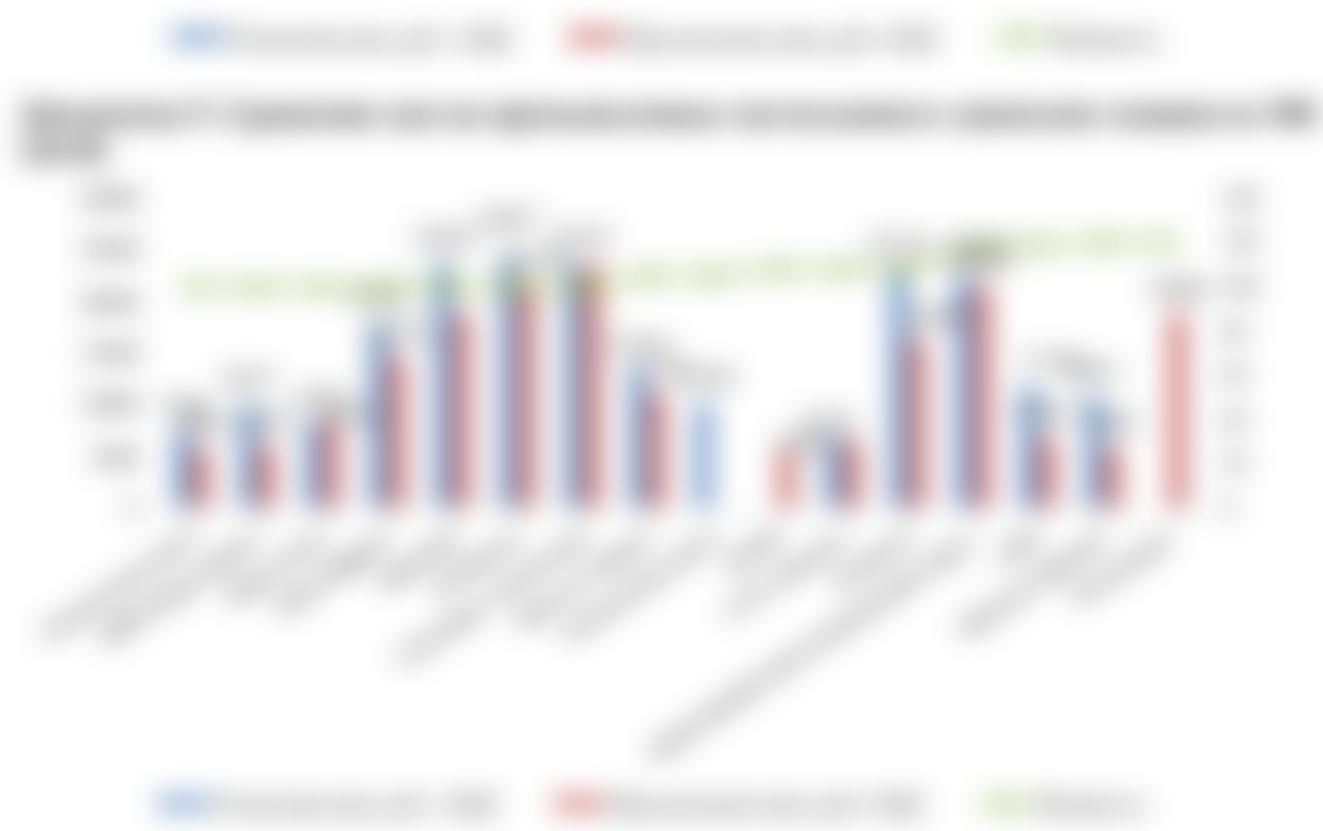
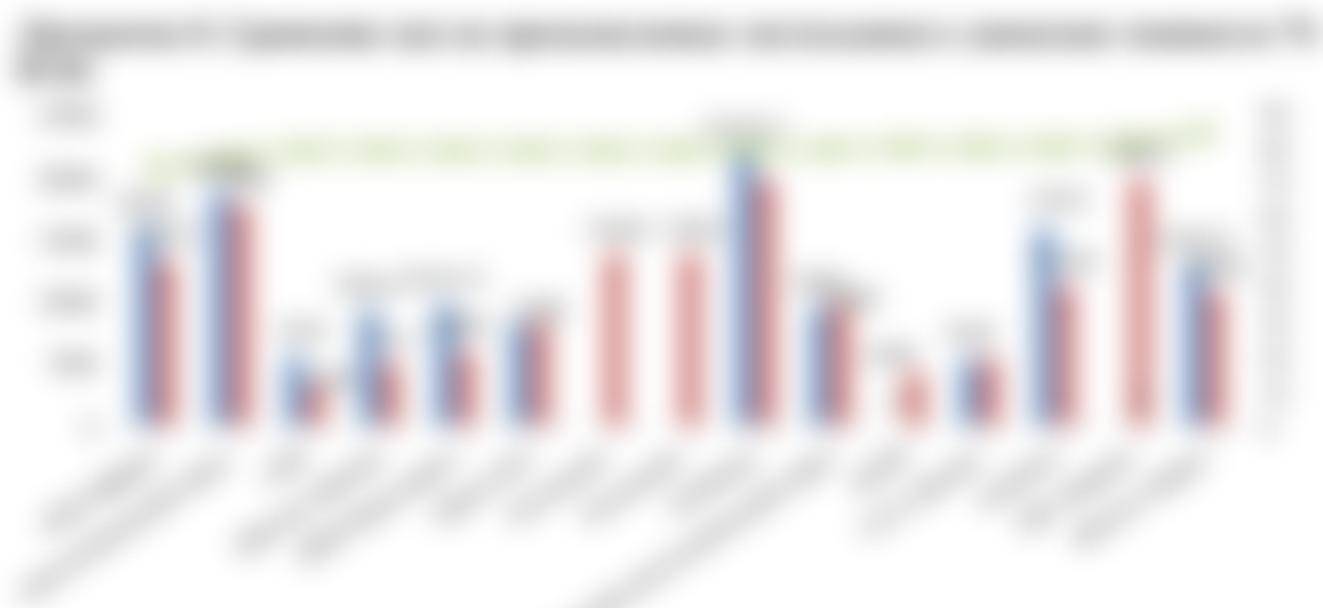
Category	Sub-Categories	Definition
1. Personal Information	1.1 Name	The individual's full name.
1.2 Date of Birth	1.3 Gender	The individual's gender (e.g., Male, Female).
1.4 Address	1.5 Phone Number	The individual's residential address and phone number.
1.6 Email Address	1.7 Social Security Number	The individual's email address and social security number.
2. Financial Information	2.1 Bank Account Number	The individual's bank account number.
2.2 Credit Card Number	2.3 Annual Income	The individual's credit card number and annual income.
2.4 Investment Portfolio	2.5 Retirement Savings	The individual's investment portfolio and retirement savings.
3. Employment Information	3.1 Job Title	The individual's job title and employer.
3.2 Work History	3.3 Salary	The individual's work history and salary information.
3.4 Benefits	3.5 Retirement Plan	The individual's benefits and retirement plan information.
4. Health Information	4.1 Medical Record Number	The individual's medical record number.
4.2 Health Insurance Policy	4.3 Prescription History	The individual's health insurance policy and prescription history.
4.4 Doctor Information	4.5 Lab Test Results	The individual's doctor information and lab test results.
5. Legal Information	5.1 Driver's License Number	The individual's driver's license number.
5.2 Social Security Card Number	5.3 Criminal Record	The individual's social security card number and criminal record.
5.4 Court Orders	5.5 Fingerprint Data	The individual's court orders and fingerprint data.
6. Educational Information	6.1 School Record Number	The individual's school record number.
6.2 Academic History	6.3 Grade Point Average	The individual's academic history and grade point average.
6.4 Extracurricular Activities	6.5 Scholarships	The individual's extracurricular activities and scholarships.
7. Professional Information	7.1 Professional Record Number	The individual's professional record number.
7.2 Work Experience	7.3 Certification Status	The individual's work experience and certification status.
7.4 Publications	7.5 Professional Organizations	The individual's publications and professional organizations.
8. Social Media Profiles	8.1 Facebook Profile	The individual's Facebook profile.
8.2 Twitter Profile	8.3 LinkedIn Profile	The individual's Twitter and LinkedIn profiles.
8.4 Instagram Profile	8.5 YouTube Channel	The individual's Instagram and YouTube channel.
8.6 Other Social Media Profiles	8.7 Online Reputation	The individual's other social media profiles and online reputation.
9. Business Information	9.1 Company Record Number	The individual's company record number.
9.2 Employment History	9.3 Job Description	The individual's employment history and job description.
9.4 Business Cards	9.5 Business Licenses	The individual's business cards and business licenses.
9.6 Business Contracts	9.7 Business Partnerships	The individual's business contracts and partnerships.
9.8 Business Assets	9.9 Business Liabilities	The individual's business assets and liabilities.
10. Financial Transactions	10.1 Bank Transfers	The individual's bank transfers.
10.2 Credit Card Purchases	10.3 Investment Transactions	The individual's credit card purchases and investment transactions.
10.4 Stock Market Activity	10.5 Cryptocurrency Holdings	The individual's stock market activity and cryptocurrency holdings.
10.6 Real Estate Transactions	10.7 Business Income	The individual's real estate transactions and business income.
10.8 Tax Returns	10.9 Business Expenses	The individual's tax returns and business expenses.
10.10 Business Income	10.11 Business Expenses	The individual's business income and expenses.

Category	Type	Number of samples	Mean	
			Mean (SD)	Range
Control	Normal	10	1.00 (0.00)	0.95 - 1.05
Control	Abnormal	10	1.00 (0.00)	0.95 - 1.05
Stroke	Normal	10	1.00 (0.00)	0.95 - 1.05
Stroke	Abnormal	10	1.00 (0.00)	0.95 - 1.05
Alzheimer's disease	Normal	10	1.00 (0.00)	0.95 - 1.05
Alzheimer's disease	Abnormal	10	1.00 (0.00)	0.95 - 1.05
Frontotemporal dementia	Normal	10	1.00 (0.00)	0.95 - 1.05
Frontotemporal dementia	Abnormal	10	1.00 (0.00)	0.95 - 1.05
Other	Normal	10	1.00 (0.00)	0.95 - 1.05
Other	Abnormal	10	1.00 (0.00)	0.95 - 1.05









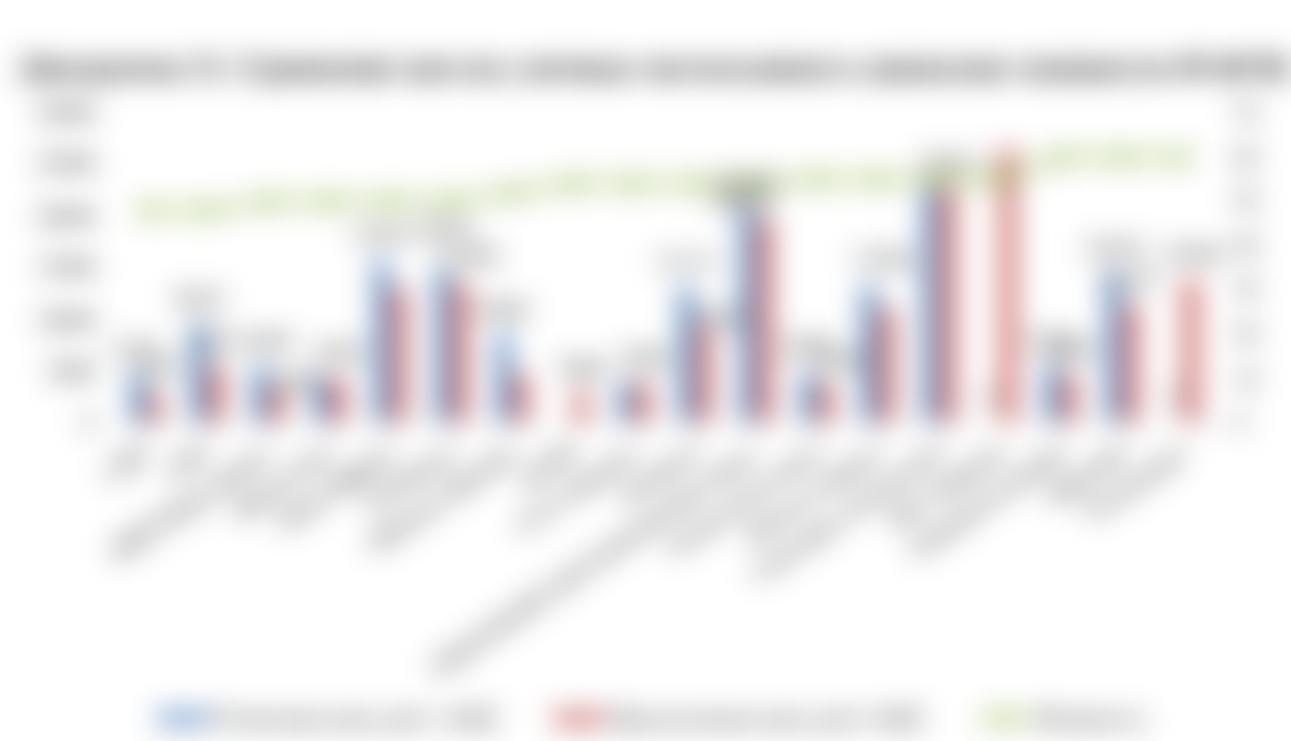
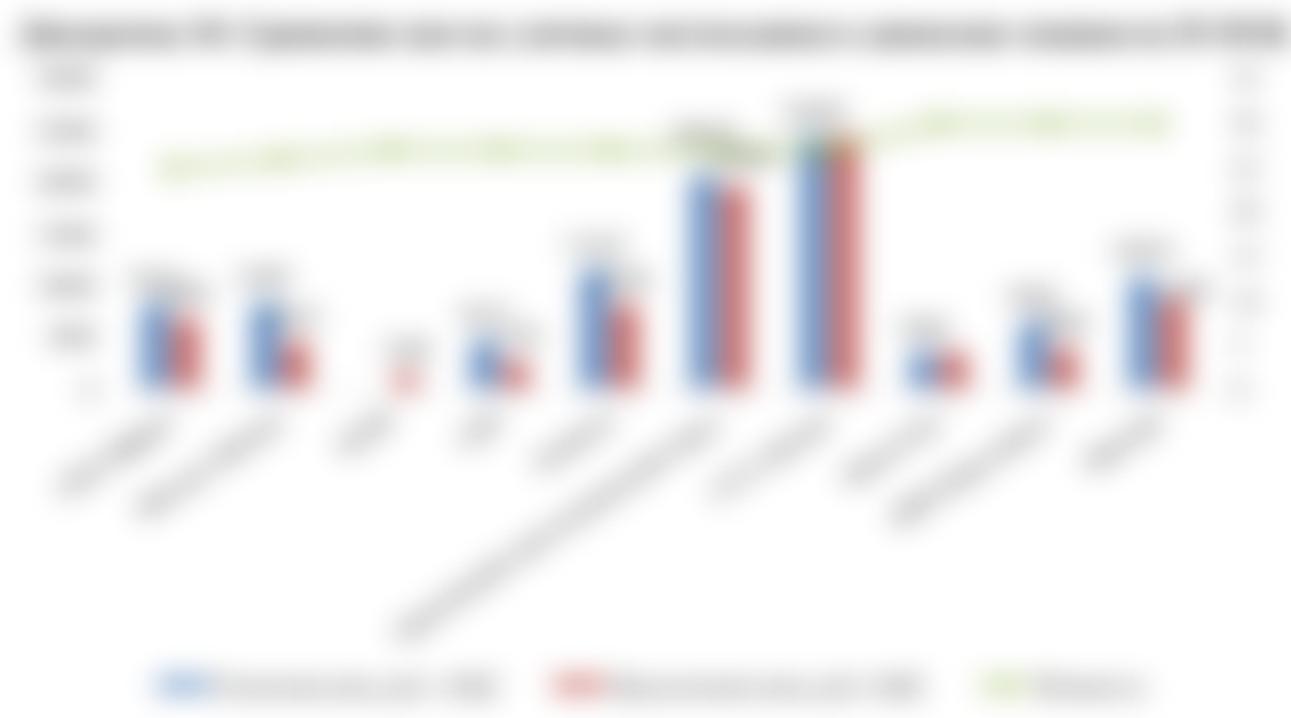




Fig. 1. Energy consumption by sector in 2005, 2006 and 2007.

consumption in 2005, 2006 and 2007. The total energy consumption increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Table 1 shows the energy consumption per capita in 2005, 2006 and 2007. The energy consumption per capita increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Table 2 shows the energy consumption per capita in 2005, 2006 and 2007. The energy consumption per capita increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Table 3 shows the energy consumption per capita in 2005, 2006 and 2007. The energy consumption per capita increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Table 4 shows the energy consumption per capita in 2005, 2006 and 2007. The energy consumption per capita increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Table 5 shows the energy consumption per capita in 2005, 2006 and 2007. The energy consumption per capita increased from 100 GJ in 2005 to 110 GJ in 2006 and 120 GJ in 2007.

Category	Sub-Categories	Product ID	Product Name	Quantity	Unit Price	Total Price
Electronics	Smartphones	SPR123	iPhone 12 Pro Max	50	\$999.99	\$49,995.00
Electronics	Smartphones	SPR456	Samsung Galaxy S21 Ultra	30	\$899.99	\$26,997.00
Electronics	Laptops	LAP789	Dell XPS 15 (9500)	20	\$1,299.99	\$25,998.00
Electronics	Laptops	LAP234	HP Pavilion 17	40	\$799.99	\$31,996.00
Electronics	Tablets	TAB567	Apple iPad Pro (11-inch)	10	\$699.99	\$7,999.00
Electronics	Tablets	TAB890	Samsung Galaxy Tab S7+	15	\$599.99	\$9,998.50
Electronics	Accessories	ACC123	Logitech G Pro Gaming Mouse	20	\$64.99	\$1,299.80
Electronics	Accessories	ACC456	SteelSeries Arctis 7X Headset	10	\$129.99	\$1,299.00
Electronics	Accessories	ACC789	Razer DeathAdder V2 Pro Mouse	15	\$59.99	\$900.00
Electronics	Accessories	ACC234	Logitech G933 7.1 Surround Sound Headset	5	\$199.99	\$999.50
Home & Garden	Cleaning Supplies	CLE123	Swiffer Sweeper X-Large Floor Mop Refills	50	\$14.99	\$749.50
Home & Garden	Cleaning Supplies	CLE456	Method All-Purpose Cleaner - Lavender & Lemongrass	30	\$12.99	\$389.70
Home & Garden	Cleaning Supplies	CLE789	Simple Truth Laundry Detergent - Free & Clear	20	\$10.99	\$219.80
Home & Garden	Cleaning Supplies	CLE234	Windex Glass & Surface Cleaner - 32 fl oz	40	\$8.99	\$359.60
Home & Garden	Kitchenware	KIT123	Pyrex 3-Quart Glass Round Baking Dish	10	\$12.99	\$129.90
Home & Garden	Kitchenware	KIT456	OXO Good Grips 4-Quart Measuring Cup	15	\$14.99	\$224.85
Home & Garden	Kitchenware	KIT789	Le Creuset Stoneware 2-Quart Round Dutch Oven	5	\$149.99	\$749.95
Home & Garden	Kitchenware	KIT234	Farberware 12-Piece Nonstick Cookware Set	8	\$199.99	\$1,599.92
Home & Garden	Decor	DEC123	Velveteen Throw Pillows - Set of 2	20	\$24.99	\$499.80
Home & Garden	Decor	DEC456	Floral Throw Pillows - Set of 2	15	\$27.99	\$419.85
Home & Garden	Decor	DEC789	Abstract Throw Pillows - Set of 2	10	\$34.99	\$349.90
Home & Garden	Decor	DEC234	Geometric Throw Pillows - Set of 2	5	\$39.99	\$199.95
Office & School	Supplies	SUP123	Stapler - Heavy Duty	50	\$12.99	\$649.50
Office & School	Supplies	SUP456	Post-it Notes - 3x3	30	\$8.99	\$269.70
Office & School	Supplies	SUP789	Sharpie Permanent Marker - Fine Point	20	\$7.99	\$159.80
Office & School	Supplies	SUP234	Elmer's Glue - 12 oz	40	\$5.99	\$239.60
Office & School	Equipment	EQU123	Microsoft Surface Pro 7+ (Core i5)	10	\$899.99	\$8,999.00
Office & School	Equipment	EQU456	Logitech Webcam C920S	15	\$149.99	\$2,249.85
Office & School	Equipment	EQU789	Logitech Wireless Mouse M220	20	\$29.99	\$599.80
Office & School	Equipment	EQU234	Logitech Type Cover for Microsoft Surface	5	\$149.99	\$749.95

Name	Age	Gender	Physical		Cognitive		Behavioral	
			Height (cm)	Weight (kg)	IQ	Mental Age	Adaptability	Social Skills
Alice	10	Female	145	45	100	10	Good	Good
Bob	11	Male	150	50	105	11	Good	Good
Cathy	12	Female	155	55	110	12	Good	Good
Dave	13	Male	160	60	115	13	Good	Good
Eve	14	Female	165	65	120	14	Good	Good
Fiona	15	Female	170	70	125	15	Good	Good
George	16	Male	175	75	130	16	Good	Good
Hannah	17	Female	180	80	135	17	Good	Good
Ivan	18	Male	185	85	140	18	Good	Good
Jessica	19	Female	190	90	145	19	Good	Good
Kyle	20	Male	195	95	150	20	Good	Good
Laura	21	Female	200	100	155	21	Good	Good
Marcus	22	Male	205	105	160	22	Good	Good
Natalie	23	Female	210	110	165	23	Good	Good
Oliver	24	Male	215	115	170	24	Good	Good
Parker	25	Male	220	120	175	25	Good	Good
Quinn	26	Female	225	125	180	26	Good	Good
Ryan	27	Male	230	130	185	27	Good	Good
Samantha	28	Female	235	135	190	28	Good	Good
Taylor	29	Male	240	140	195	29	Good	Good
Ursula	30	Female	245	145	200	30	Good	Good
Vincent	31	Male	250	150	205	31	Good	Good
Wendy	32	Female	255	155	210	32	Good	Good
Xavier	33	Male	260	160	215	33	Good	Good
Yvonne	34	Female	265	165	220	34	Good	Good
Zachary	35	Male	270	170	225	35	Good	Good

Category	Sub-Categories	Product Type	Color	Size	Quantity	Unit Price	Total Price
Electronics	Laptops, Smartphones, Tablets	Laptops	Black, Silver	15.6", 17.3"	10	\$800, \$900	\$8,000, \$9,000
Electronics	Laptops, Smartphones, Tablets	Smartphones	White, Blue, Green	6", 6.5", 7"	20	\$400, \$450	\$8,000, \$9,000
Electronics	Laptops, Smartphones, Tablets	Tablets	Black, Gold, Silver	8", 10", 12"	5	\$300, \$350	\$1,500, \$1,750
Electronics	Laptops, Smartphones, Tablets	Accessories	Black, White, Grey	N/A	100	\$10, \$20	\$1,000, \$2,000
Apparel	Clothing, Footwear, Accessories	Clothing	Black, White, Grey	S, M, L, XL	100	\$50, \$70, \$90	\$5,000, \$7,000, \$9,000
Apparel	Clothing, Footwear, Accessories	Footwear	Black, White, Grey	36, 38, 40, 42	50	\$100, \$120, \$140	\$5,000, \$6,000, \$7,000
Apparel	Clothing, Footwear, Accessories	Accessories	Black, White, Grey	N/A	50	\$20, \$30, \$40	\$1,000, \$1,500, \$2,000
Home Goods	Decor, Kitchenware, Bedding	Decor	Black, White, Grey	N/A	100	\$10, \$20, \$30	\$1,000, \$2,000, \$3,000
Home Goods	Decor, Kitchenware, Bedding	Kitchenware	Black, White, Grey	N/A	50	\$10, \$20, \$30	\$500, \$1,000, \$1,500
Home Goods	Decor, Kitchenware, Bedding	Bedding	Black, White, Grey	N/A	50	\$100, \$150, \$200	\$5,000, \$7,500, \$10,000
Food & Beverage	Snacks, Beverages, Personal Care	Snacks	Black, White, Grey	N/A	100	\$1, \$2, \$3	\$1,000, \$2,000, \$3,000
Food & Beverage	Snacks, Beverages, Personal Care	Beverages	Black, White, Grey	N/A	50	\$1, \$2, \$3	\$500, \$1,000, \$1,500
Food & Beverage	Snacks, Beverages, Personal Care	Personal Care	Black, White, Grey	N/A	50	\$1, \$2, \$3	\$500, \$1,000, \$1,500
Automotive	Vehicles, Parts, Maintenance	Vehicles	Black, White, Grey	N/A	100	\$20,000, \$30,000, \$40,000	\$2,000,000, \$3,000,000, \$4,000,000
Automotive	Vehicles, Parts, Maintenance	Parts	Black, White, Grey	N/A	50	\$100, \$200, \$300	\$50,000, \$100,000, \$150,000
Automotive	Vehicles, Parts, Maintenance	Maintenance	Black, White, Grey	N/A	50	\$100, \$200, \$300	\$50,000, \$100,000, \$150,000
Leisure	Travel, Sports, Hobbies	Travel	Black, White, Grey	N/A	100	\$100, \$200, \$300	\$10,000, \$20,000, \$30,000
Leisure	Travel, Sports, Hobbies	Sports	Black, White, Grey	N/A	50	\$100, \$200, \$300	\$5,000, \$10,000, \$15,000
Leisure	Travel, Sports, Hobbies	Hobbies	Black, White, Grey	N/A	50	\$100, \$200, \$300	\$5,000, \$10,000, \$15,000

Category	Item	Description	Quantity	Unit	Cost	Profit Margin (%)
Electronics	Laptop	High-end laptop with 16GB RAM and 1TB SSD	100	Units	\$1200	30%
Electronics	Smartphone	Flagship smartphone with 5G and 120Hz display	200	Units	\$800	25%
Electronics	Tablet	Mid-range tablet with 10.1-inch screen and 64GB storage	50	Units	\$500	20%
Electronics	Headphones	Wireless headphones with active noise cancellation	150	Units	\$300	15%
Apparel	Shirt	Cotton shirt in various colors and sizes	300	Units	\$20	10%
Apparel	Pants	Denim pants in different styles and sizes	250	Units	\$30	10%
Apparel	Dresses	Formal dresses for women in various sizes	100	Units	\$50	10%
Apparel	Sweatshirts	Unisex sweatshirts in various colors and sizes	200	Units	\$25	10%
Apparel	Tops	Basic tops in various colors and sizes	150	Units	\$15	10%
Accessories	Handbags	Luxury handbags for both men and women	50	Units	\$100	25%
Accessories	Belts	Leather belts in various styles and sizes	100	Units	\$20	10%
Accessories	Sunglasses	UV-protected sunglasses in various frames	150	Units	\$30	10%
Accessories	Footwear	casual shoes and sneakers	100	Units	\$40	10%
Home Goods	Couches	Large sofa sets in various colors and materials	50	Units	\$800	20%
Home Goods	Mats	Carpet mats for different room sizes	200	Units	\$50	10%
Home Goods	Decorative Pillows	Decorative pillows in various patterns and sizes	150	Units	\$20	10%
Home Goods	Lighting Fixtures	Modern lighting fixtures for living rooms	50	Units	\$150	20%
Home Goods	Kitchenware	Stainless steel cookware sets	100	Units	\$80	10%
Home Goods	Bedding	High-quality bedding sets in various sizes	50	Units	\$100	20%
Total			1000	Units	\$12000	20%

1. *What is the name of the author?*

2. *What is the title of the book?*

3. *What is the date of publication?*

4. *What is the publisher?*

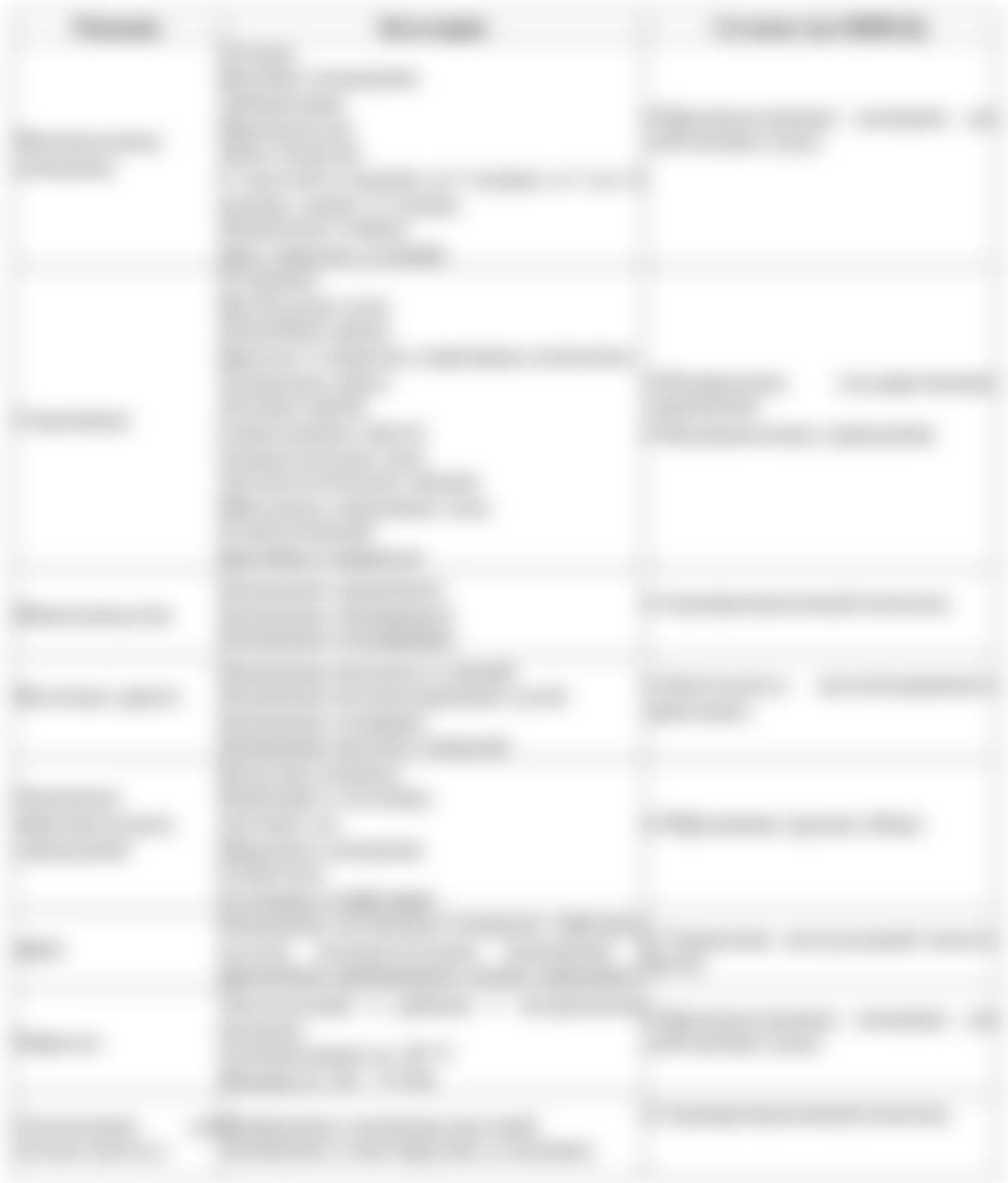
5. *Is there a library stamp?*

Category	Sub-Category	Product Type	Model Number	Color	Dimensions (in)	Weight (kg)	Price (\$)	Stock Level	Order Status
Laptops	Business	15.6-inch	HP ProBook 450 G8	Space Grey	15.6 x 1.2 x 0.8	2.2	1299	20	On Hold
Laptops	Business	14-inch	Dell Latitude 5420	Black	14 x 0.8 x 0.7	1.8	1199	15	In Stock
Laptops	Gaming	16.1-inch	Acer Nitro 5 AN516-53	Red	16.1 x 1.5 x 0.9	3.0	1799	10	On Hold
Laptops	Gaming	15.6-inch	MSI GE66 Stealth	Blue	15.6 x 1.3 x 0.8	2.8	1699	12	In Stock
Monitors	27-inch	Widescreen	Samsung C27F390	Black	27 x 1.2 x 0.8	4.5	399	18	In Stock
Monitors	24-inch	Full HD	BenQ EW2440L	White	24 x 1.1 x 0.7	3.8	349	22	On Hold
Monitors	27-inch	4K UHD	Dell S2722D	Black	27 x 1.2 x 0.8	5.5	549	14	In Stock
Peripherals	Keyboard	RGB Backlit	Razer Huntsman	White	15.5 x 0.5 x 0.3	0.8	189	10	In Stock
Peripherals	Mouse	Wireless	Logitech G305	Black	12.5 x 0.5 x 0.3	0.5	129	18	On Hold
Peripherals	Monitor Stand	Height Adjustable	Elgato Lander	Black	10 x 1.5 x 0.5	0.3	199	8	In Stock

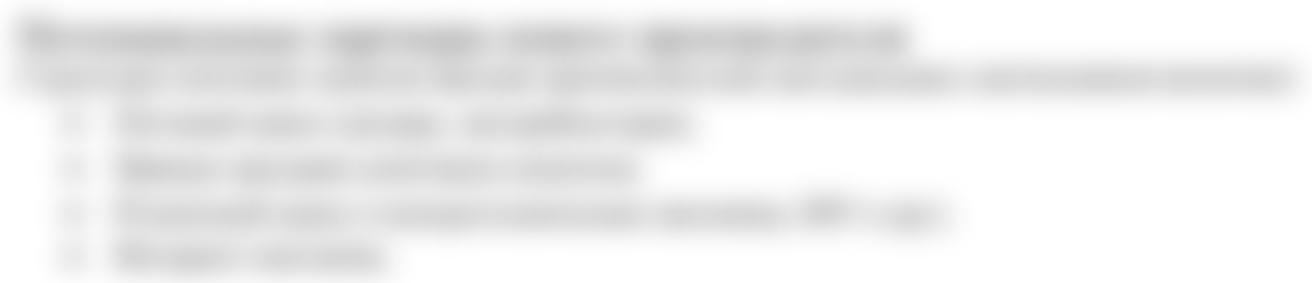
Category	Sub-Categories	Product Details	Quantity	Unit Price	Total Value
Electronics	Smartphones	iPhone 12 Pro Max	10	\$1,000	\$10,000
Electronics	Smartphones	Samsung Galaxy S21 Ultra	15	\$900	\$13,500
Electronics	Smartphones	Huawei Mate 40 Pro	5	\$800	\$4,000
Electronics	Laptops	Dell XPS 15 (9500)	8	\$1,200	\$9,600
Electronics	Laptops	HP Spectre x360	7	\$1,100	\$7,700
Electronics	Laptops	Lenovo ThinkPad X1 Carbon	3	\$1,300	\$3,900
Electronics	Tablets	Apple iPad Pro (12.9")	5	\$700	\$3,500
Electronics	Tablets	Samsung Galaxy Tab S7+	4	\$600	\$2,400
Electronics	Tablets	Microsoft Surface Pro 7	3	\$500	\$1,500
Peripherals	Monitors	Dell Ultrasharp U2720Q	10	\$300	\$3,000
Peripherals	Monitors	Acer Predator XB273K	8	\$250	\$2,000
Peripherals	Monitors	BenQ EX3205R	5	\$200	\$1,000
Peripherals	Keyboards	Razer BlackWidow V3 Pro	12	\$100	\$1,200
Peripherals	Keyboards	Logitech G915 TKL	8	\$120	\$960
Peripherals	Keyboards	SteelSeries Apex 7	5	\$110	\$550
Peripherals	Mice	Razer DeathAdder V2 Pro	10	\$80	\$800
Peripherals	Mice	SteelSeries Rival 650	8	\$70	\$560
Peripherals	Mice	Logitech G305	5	\$60	\$300
Software	Operating Systems	Windows 11 Pro	15	\$150	\$2,250
Software	Operating Systems	MacOS Big Sur	10	\$180	\$1,800
Software	Office Suites	Microsoft Office 365	20	\$200	\$4,000
Software	Office Suites	Google Workspace	15	\$150	\$2,250
Software	Design Tools	Adobe Creative Cloud	10	\$300	\$3,000
Software	Design Tools	Autodesk AutoCAD	8	\$250	\$2,000
Software	Design Tools	Blender	5	\$100	\$500
Software	Development Tools	Visual Studio Code	30	\$50	\$1,500
Software	Development Tools	PyCharm	20	\$60	\$1,200
Software	Development Tools	Android Studio	15	\$70	\$1,050
Software	Cloud Services	Amazon AWS Lambda	10	\$80	\$800
Software	Cloud Services	Microsoft Azure Functions	8	\$70	\$560
Software	Cloud Services	Google Cloud Functions	5	\$60	\$300



















Category	Sub-Categories	Definition
Demographic	Age, Gender, Race, Ethnicity, Education Level, Income, Employment Status	Characteristics used to describe the population being studied.
Social	Marital Status, Family Size, Neighborhood, Social Support, Religious Beliefs, Political Orientation	Factors related to social structure and interaction.
Cultural	Language, Religion, Customs, Values, Beliefs, Artistic Expressions	Elements of a culture that influence behavior and perception.
Psychological	Mental Health, Cognitive Abilities, Personality Traits, Emotional States	Internal psychological processes and states.
Physical	Health Status, Physical Abilities, Nutritional Intake, Exercise Patterns	External physical characteristics and behaviors.
Behavioral	Lifestyle Choices, Substance Use, Risky Behaviors, Health Practices	Actions and behaviors that can affect health outcomes.
Environmental	Natural Environment, Built Environment, Air Quality, Water Quality, Noise Pollution	Exogenous factors that impact health.
Health Services	Access to Healthcare, Type of Insurance, Doctor Visits, Prescription Medications	Utilization of medical services and resources.
Health Status	Physical Health, Mental Health, Chronic Conditions, Life Expectancy	Overall state of health and well-being.

Category	Sub-Categories	Product Details
Electronics	Smartphones, Laptops, Tablets	High-end models, latest technology, sleek designs.
Home Appliances	Refrigerators, Washers, Dryers	Energy-efficient, large capacity, built-in features.
Automotive	Cars, SUVs, Trucks	Sophisticated navigation systems, advanced safety features.
Fashion	Womenswear, Menswear, Footwear	Branded items, unique styles, sustainable materials.
Health & Beauty	Cosmetics, Skincare, Personal Care	Organic products, professional-grade, travel-sized options.
Groceries	Food, Beverage, Household Goods	Organic produce, fair-trade coffee, eco-friendly cleaning supplies.
Books & Media	Books, Movies, Music	Digital downloads, audiobooks, limited edition prints.
Leisure & Sports	Gaming, Hobbies, Sports Equipment	Virtual reality headsets, custom apparel, professional gear.
Office & Business	Computers, Software, Stationery	Cloud-based solutions, ergonomic furniture, high-quality paper.



