

Furniture Sales SQL Analysis Report

Dataset: ecommerce_furniture_dataset_2024 (2).csv
Generated: Anonymous

Input table preview (first 10 rows)

SQL Query: SELECT * FROM furniture_sales LIMIT 10;

Title	originalPrice	price	sold	tag
For Bedroom With 9 Fabric Drawers Wardrobe Steel Frame Assembly Closet For Clothes Storage Display Cabinet Of Furniture	nan	46.79	600	Free
Conversation Set 4 Pieces Patio Furniture, Wicker Patio Chair Sofa Set w/ Water-Resistant Dark-Brown Cushion & Tempered	nan	169.72	0	Free
For Bedroom With 7 Fabric Drawers Organizer Storage Closet Chest Clothes For Living Room Display Cabinet Of Furniture	78.4	39.46	7	Free
Accent Boucle Chair,Upholstered Tufted Creative Furniture Sofa Couch Lounge Reading Chair for Living Room Home Decorative	nan	111.99	0	Free
Simple Computer Desk Household Wooden Minimalist Tea Table Wooden Minimalist Small Makeup Table Home Furniture	48.82	21.37	1	Free
Patio Furniture Set, Outdoor Swivel Glider Rocker, Wicker Bistro Set with Rattan Rocking Chair, Glass Top Table	1294.04	123.4	53	Free
Patio Furniture Set Outdoor Couch with Glass Coffee Table and Two Pillows, Outdoor Sectional Conversation Set	nan	198.31	1	Free
Room Furniture, Modern 3-Piece Including Three-Seater, Loveseat and Single Chair,Dutch Velvet Upholstered Sofa Set	1474.17	734.58	5	Free
Dresser For Bedroom With 5 Fabric Drawers Organizer Storage Closet Chest Clothes Storage Display Cabinet Of Furniture	nan	43.96	3	
Furniture Set 3 Pieces Wicker Patio Furniture Outdoor Sectional Patio Couch Outdoor Coffee Table,Khaki	nan	233.3	0	Free

Calculate Discount Percentage for Each Product

SQL Query: SELECT productTitle, originalPrice, price, ROUND(((originalPrice - price) / originalPrice) * 100, 2) AS discount_percent FROM furniture_sales;

Title	originalPrice	price	discount_percent
For Bedroom With 9 Fabric Drawers Wardrobe Steel Frame Assembly Closet For Clothes Storage Display Cabinet Of Furniture	nan	46.79	nan
Conversation Set 4 Pieces Patio Furniture, Wicker Patio Chair Sofa Set w/ Water-Resistant Dark-Brown Cushion & Tempered	nan	169.72	nan
For Bedroom With 7 Fabric Drawers Organizer Storage Closet Chest Clothes For Living Room Display Cabinet Of Furniture	78.4	39.46	49.67
Accent Boucle Chair,Upholstered Tufted Creative Furniture Sofa Couch Lounge Reading Chair for Living Room Home Decorative	nan	111.99	nan
Simple Computer Desk Household Wooden Minimalist Tea Table Wooden Minimalist Small Makeup Table Home Furniture	48.82	21.37	56.23
Patio Furniture Set, Outdoor Swivel Glider Rocker, Wicker Bistro Set with Rattan Rocking Chair, Glass Top Table	1294.04	123.4	90.46
Patio Furniture Set Outdoor Couch with Glass Coffee Table and Two Pillows, Outdoor Sectional Conversation Set	nan	198.31	nan
Room Furniture, Modern 3-Piece Including Three-Seater, Loveseat and Single Chair,Dutch Velvet Upholstered Sofa Set	1474.17	734.58	50.17
Dresser For Bedroom With 5 Fabric Drawers Organizer Storage Closet Chest Clothes Storage Display Cabinet Of Furniture	nan	43.96	nan
Furniture Set 3 Pieces Wicker Patio Furniture Outdoor Sectional Patio Couch Outdoor Coffee Table,Khaki	nan	233.3	nan
Patio Furniture Set, Outdoor Rattan Woven Conversation Sectional L-Shaped Sofa with 5 Seater for Backyard	nan	244.17	nan
3-piece couch 14PCs luxury, floor sofa modular furniture for adults, Playhouse play set toddlers babies, Modul	nan	238.18	nan
3-piece Boho Outdoor Patio Furniture Sets with Egg Chair and Ice Bucket, Small L Shape Wicker Conversation Sectional Sofa	nan	495.8	nan
Patio Conversation Set, Solid Eucalyptus Wood Frame Outdoor Wicker Furniture Set Bistro Set with Coffee Table	nan	117.66	nan
luxury lounge chair home furniture hotel bedroom lounge chair living room accent chair	nan	978.88	nan
Contemporary Reversible Sectional Sleeper Sectional Sofa with Storage Chaise in Dark Gray Fabric, free shipping	nan	440.94	nan
Furniture Sets - 3 Pieces Rattan Sofa Set, Outdoor Conversation Set with Tempered Glass Tabletop, Outdoor Furniture Sets	nan	183.3	nan
Dining Set Outdoor Furniture with 6 Stackable Textilene Chairs and Large Table for Yard, Garden Porch and Poolside, Grey	nan	60.28	nan

Title	originalPrice	price	discount
s Patio Furniture Set - Outdoor Sectional Wicker Rattan Furniture with Cushion and Glass Table Patio Conversation	nan	376.5	nan
all Modern Loveseat Couch Sofa, Fabric Upholstered 2-Seat Sofa, Love Seat Furniture with 2 Pillows, Wood Leg Sofas	nan	204.93	nan

Top 10 Best-Selling Products

```

SQL Query: SELECT productTitle, sold, price, (sold * price) AS total_revenue FROM furniture_sales
ORDER BY sold DESC LIMIT 10;

```

ctTitle	sold	price	total_revenue
ble round Folding Chair Accordion Chair Height Adjustment Simple Tool Elephant Swing Playground Queue Chair	10000	12.28	122800.0
JCC Multifunctional Foldable And Adjustable Aluminum Alloy Reading Stand With Spring Clip For Laptops, Tablets & Thick Books	3000	26.11	78330.0
JCC Multifunctional Foldable And Adjustable Aluminum Alloy Reading Stand With Spring Clip For Laptops, Tablets & Thick Books	3000	21.94	65820.0
n Shoe Rack Metal Simple Shoe Shelf Footwear Organizer Stand Holder Space-saving Black Shoe Shelf for Living Room	2000	13.64	27280.0
Furniture Computer Stand 42*26cm Adjustable Foldable Laptop Holder Notebook Desks Lap PC Folding Desk Table Vented Stand	1000	26.03	26030.0
bility Foot Rest Under Desk Footrest Ergonomic Foot Stool with Massage Rollers Foot Rest for Home Office Work Fast Ship	1000	8.04	8039.99999999
bility Foot Rest Under Desk Footrest Ergonomic Foot Stool with Massage Rollers Foot Rest for Home Office Work Fast Ship	900	5.0	4500.0
or Stand for 13-32 inches Screens, Dual Monitor Mount Gas Spring, Dual Monitor Arm Full Motion Adjustable	900	66.68	60012.00000000
ble Folding Telescopic Stool Lightweight Plastic Subway Queuing Chair Outdoor Camping Chair Fishing Seat with Carry Bag	900	11.2	10080.0
shelf Shoerack Multilayer Shoe Rack Shoebox Bondage Furniture Plant Shelves Metal Cabinet Shoes Organizer Cabinets Space	700	15.4	10780.0

Count Products by Tag

```

SQL Query: SELECT tagText, COUNT(*) AS total_products FROM furniture_sales GROUP BY tagText ORDER
BY total_products DESC;

```

tagText	total_products
Free shipping	1880
+Shipping: \$5.09	9
	3
+Shipping: \$97.54	2
+Shipping: \$94.92	2
+Shipping: \$92.22	2
+Shipping: \$80.21	2
+Shipping: \$75.99	2
+Shipping: \$64.56	2
+Shipping: \$55.98	2
+Shipping: \$34.63	2
+Shipping: \$239.64	2
+Shipping: \$2.91	2
+Shipping: \$88.26	1
+Shipping: \$86.91	1
+Shipping: \$86.33	1
+Shipping: \$85.58	1
+Shipping: \$85.45	1
+Shipping: \$85.31	1

tagText	total_products
+Shipping: \$84.44	1

Average Discount on All Products

SQL Query: SELECT ROUND(AVG((originalPrice - price) / NULLIF(originalPrice,0) * 100), 2) AS avg_discount_percent FROM furniture_sales;

avg_discount_percent
47.21

Total Revenue and Total Units Sold

SQL Query: SELECT SUM(sold) AS total_units_sold, SUM(sold * price) AS total_revenue FROM furniture_sales;

total_units_sold	total_revenue
46987	2181048.0699999966

Products with No Discount

SQL Query: SELECT productTitle, originalPrice, price FROM furniture_sales WHERE originalPrice = price OR originalPrice IS NULL OR price IS NULL;

productTitle	originalPrice	price
Dresser For Bedroom With 9 Fabric Drawers Wardrobe Steel Frame Assembly Closet For Clothes Storage Display Cabinet Of Furniture	nan	46.79
Outdoor Conversation Set 4 Pieces Patio Furniture, Wicker Patio Chair Sofa Set w/ Water-Resistant Dark-Brown Cushion & Tempered	nan	169.72
Modern Accent Boucle Chair,Upholstered Tufted Creative Furniture Sofa Couch Lounge Reading Chair for Living Room Home Decorative	nan	111.99
5-Piece Patio Furniture Set Outdoor Couch with Glass Coffee Table and Two Pillows, Outdoor Sectional Conversation Set	nan	198.31
TV Stand Dresser For Bedroom With 5 Fabric Drawers Organizer Storage Closet Chest Clothes Storage Display Cabinet Of Furniture	nan	43.96
Outdoor Furniture Set 3 Pieces Wicker Patio Furniture Outdoor Sectional Patio Couch Outdoor Coffee Table,Khaki	nan	233.3
4 Pieces Patio Furniture Set, Outdoor Rattan Woven Conversation Sectional L-Shaped Sofa with 5 Seater for Backyard	nan	244.17
Jela kids couch 14PCs luxury, floor sofa modular furniture for adults, Playhouse play set toddlers babies, Modul	nan	238.18
3/4/5 Piece Boho Outdoor Patio Furniture Sets with Egg Chair and Ice Bucket, Small L Shape Wicker Conversation Sectional Sofa	nan	495.8
3 PCS Patio Conversation Set, Solid Eucalyptus Wood Frame Outdoor Wicker Furniture Set Bistro Set with Coffee Table	nan	117.66
Modern luxury lounge chair home furniture hotel bedroom lounge chair living room accent chair	nan	978.88
Furniture Contemporary Reversible Sectional Sleeper Sectional Sofa with Storage Chaise in Dark Gray Fabric, free shipping	nan	440.94
Patio Furniture Sets - 3 Pieces Rattan Sofa Set, Outdoor Conversation Set with Tempered Glass Tabletop, Outdoor Furniture Sets	nan	183.3
Patio Dining Set Outdoor Furniture with 6 Stackable Textilene Chairs and Large Table for Yard, Garden Porch and Poolside, Grey	nan	60.28
7 Pieces Patio Furniture Set - Outdoor Sectional Wicker Rattan Furniture with Cushion and Glass Table Patio Conversation	nan	376.5
47" Small Modern Loveseat Couch Sofa, Fabric Upholstered 2-Seat Sofa, Love Seat Furniture with 2 Pillows, Wood Leg Sofas	nan	204.93
Patio Furniture Sets All Weather Outdoor Sectional Sofa Manual Weaving Wicker Rattan Patio Seating Sofas with Cushion & Table	nan	276.65
4-Piece Outdoor Patio Furniture Set,Wicker Rattan Sectional Sofa Couch with Glass Coffee Table Black Easy Cleaning and Stronger	nan	321.05
5 Pieces Patio Furniture Set Outdoor Sectional Rattan Daybed Conversation Sofa Set Wicker Couch with & Tempered Glass	nan	219.63
6Pieces Wicker Patio Furniture Sets Outdoor Conversation Set PE Rattan Sectional Sofa Couch with 30" Fire Pit Table and Cushions	nan	574.86

Products with the Highest Discount (Top 10)

SQL Query: SELECT productTitle, originalPrice, price, ROUND(((originalPrice - price) / originalPrice) * 100, 2) AS discount_percent FROM furniture_sales WHERE originalPrice IS NOT NULL

AND originalPrice<>0 ORDER BY discount_percent DESC LIMIT 10;			
Title	originalPrice	price	discount_
g chair for home and outdoor use Convenient	11.59	0.99	91.46
e Wardrobe Closet Heavy Duty Hanger Freestanding Closet Metal Hanger with 4 Hanging Rods Adjustable Wardrobe Shelf	10.95	0.99	90.96
quin Inflatable Sofa Colorfull Sequin Lazy Sofa Bean Bag Chair Lounger Living Room Bedroom Office Lounge Chair Lounger	10.75	0.99	90.79
holesale Simple Shoe Rack Multi-layer Space-saving DIY Household Organizer Multi-functional Economic Shoe Storage Racks	10.59	0.99	90.65
s Patio Furniture Set, Outdoor Swivel Glider Rocker, Wicker Bistro Set with Rattan Rocking Chair, Glass Top Table	1294.04	123.4	90.46
ed Sofa Velvet Reversible Sectional Sofa with Storage Ottoman Convertible Cream L-Shaped Sofa Set	2985.39	292.54	90.2
ality Outdoor Rocking Chair Rain Shelter Garden Swing Garden Waterproof Dustproof Lounge Chair Sun Shade Canopy	14.82	2.31	84.41
esk Mat,Non-Slip PU Leather Desk Blotter, Computer Desk Pad, Waterproof Desk Writing Pad for Office and Home 60cm x 35cm	5.94	0.99	83.33
e Plastic Folding Stool Cartoon Stool Outdoor Fishing Children Stool	7.9	1.34	83.04
ing Stools Portable Lightweight Chairs For Picnic BBQ Beach Bathroom Kitchen Office Garden Camping Fishing Outdoor	7.27	1.27	82.53

Group Products by Price Range

```

SQL Query: SELECT CASE WHEN price < 5000 THEN 'Below 5K' WHEN price BETWEEN 5000 AND 10000 THEN
'5K-10K' WHEN price BETWEEN 10001 AND 20000 THEN '10K-20K' ELSE 'Above 20K' END AS price_range,
COUNT(*) AS total_products FROM furniture_sales GROUP BY price_range;

```

price_range	total_products
Below 5K	2000

Revenue by Tag

```

SQL Query: SELECT tagText, SUM(sold * price) AS total_revenue FROM furniture_sales GROUP BY
tagText ORDER BY total_revenue DESC;

```

tagText	total_revenue
Free shipping	2006829.5400000005
+Shipping: \$109.18	94551.3
+Shipping: \$2.91	8069.45
+Shipping: \$225.12	6743.7
+Shipping: \$132.48	6678.700000000001
+Shipping: \$5.09	6344.62
+Shipping: \$12.03	5021.75
+Shipping: \$168.91	4879.5
+Shipping: \$363.95	3298.55
+Shipping: \$76.6	2434.8199999999997
+Shipping: \$23.29	2423.1
+Shipping: \$21.07	2053.92
+Shipping: \$30.86	1320.8000000000002
+Shipping: \$381.73	1307.6999999999998
+Shipping: \$60.41	1281.46
+Shipping: \$129.03	1197.0
+Shipping: \$112.1	1193.6599999999999
+Shipping: \$303.1	1156.6
+Shipping: \$85.58	1152.9399999999998

tagText	total_revenue
+Shipping: \$52.63	1027.87

Summary Insights

Total units sold: 46987
Total revenue: 2181048.07
Average discount: 47.21%
Top selling product: Portable round Folding Chair Accordion Chair Height Adjustment Simple Tool Elephant Swing
Playground Queue Chair — 10000 units