# Summary of Findings

**Top 10 Best-selling Products by Total Sales:**

| Category | Total |
|---|---|
| kitchen | 14456.65 |
| dairy products | 14412.87 |
| meat | 14102.31 |
| seafood | 10754.81 |
| medicine | 10393.78 |
| beverages | 9930.64 |
| cleaning products | 9483.75 |
| baked goods | 8348.21 |
| refrigerated items | 7436.45 |
| canned foods | 6743.48 |

**Average Unit Price for Each Category:**

| Category | Total |
|---|---|
| medicine | 17.148848 |
| seafood | 16.063518 |
| kitchen | 15.100995 |
| meat | 15.012513 |
| cleaning products | 12.802671 |
| beverages | 12.624551 |
| baby products | 12.285536 |
| pets | 10.578820 |
| frozen | 10.071369 |
| personal care | 9.198475 |
| dairy products | 8.274731 |
| baked goods | 7.619797 |
| refrigerated items | 6.922235 |
| condiments and sauces | 6.886685 |
| canned foods | 6.269350 |
| baking | 5.342273 |
| packaged foods | 4.924714 |
| spices and herbs | 3.080400 |
| fruit | 2.503627 |
| snacks | 2.378593 |
| vegetables | 2.368369 |

**Quantity of Products Sold by Customer Type:**

| customer_type | quantity |
|---|---|
| basic | 2.486239 |
| gold | 2.499011 |
| non-member | 2.483448 |
| premium | 2.510692 |
| standard | 2.527900 |

**Average Sales Across Different Days of the Week:**

| day_of_week | total |
|---|---|
| Friday | 20.092635 |
| Monday | 20.187654 |
| Saturday | 20.300773 |
| Sunday | 19.316069 |
| Thursday | 19.856651 |
| Tuesday | 19.042026 |
| Wednesday | 19.264375 |

**Category with the Highest Average Quantity Sold per Transaction:**

Category with the highest average quantity: ***seafood***

**Average Total Sales for Different Customer Types on Each Day of the Week:**

| customer_type / day_of_week | basic | gold | non-member | premium | standard |
|---|---|---|---|---|---|
| Friday | 19.426889 | 20.188935 | 20.386062 | 19.869626 | 20.578987 |
| Monday | 21.087887 | 20.119252 | 21.220793 | 20.151709 | 18.544596 |
| Saturday | 20.254978 | 21.831343 | 20.67677 | 18.23514 | 20.591165 |
| Sunday | 19.290046 | 17.401156 | 20.440415 | 19.529292 | 19.593433 |
| Thursday | 18.56035 | 22.224249 | 19.329128 | 19.937149 | 19.418707 |
| Tuesday | 18.660306 | 18.469748 | 17.557511 | 20.730283 | 19.664292 |
| Wednesday | 18.53181 | 18.506445 | 19.191555 | 20.840388 | 19.504449 |