Calculate Total Transactions by each State.

|  |  |
| --- | --- |
| **State** | **Transactions** |
| Maharashtra | 207 |
| Tamil Nadu | 208 |
| Karnataka | 212 |
| Gujarat | 180 |
| Delhi | 193 |

Calculate Total Transactions by each State as well as Product Category.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **State** | **Furniture** | **Stationery** | **Clothing** | **Groceries** | **Electronics** |
| Maharashtra | 44 | 41 | 49 | 34 | 39 |
| Tamil Nadu | 41 | 33 | 45 | 43 | 46 |
| Karnataka | 42 | 46 | 42 | 42 | 40 |
| Gujarat | 32 | 35 | 41 | 36 | 36 |
| Delhi | 46 | 39 | 33 | 34 | 41 |

Calculate total quantity Sold by Region.

|  |  |
| --- | --- |
| **Region** | **Quantity\_Sold** |
| West | 4073 |
| South | 4434 |
| North | 2067 |

Calculate total quantity sold by region as well as Product name.

|  |  |  |  |
| --- | --- | --- | --- |
| **Product Name** | **West** | **South** | **North** |
| Table | 195 | 126 | 122 |
| Ruler | 299 | 227 | 100 |
| Dress | 333 | 218 | 94 |
| Lentils | 212 | 170 | 82 |
| Eraser | 221 | 196 | 102 |
| Headphones | 136 | 289 | 113 |
| Laptop | 224 | 161 | 76 |
| Pants | 240 | 187 | 117 |
| Shirt | 205 | 246 | 100 |
| Rice | 149 | 193 | 93 |
| Sugar | 166 | 286 | 141 |
| Bed | 269 | 201 | 98 |
| Oil | 140 | 269 | 49 |
| Jacket | 124 | 309 | 79 |
| Pen | 179 | 258 | 162 |
| Smartphone | 241 | 205 | 178 |
| Tablet | 150 | 146 | 105 |
| Sofa | 216 | 272 | 141 |
| Notebook | 188 | 212 | 42 |

Calculate the average sales amount by each state.

|  |  |
| --- | --- |
| **State** | **Average\_amount** |
| Maharashtra | 27830.67 |
| Tamil Nadu | 27134.4 |
| Karnataka | 26483.02 |
| Gujarat | 28533.11 |
| Delhi | 26873.91 |

Calculate the average amount of each state as well as Product name.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Product Name** | **Maharashtra** | **Tamil Nadu** | **Karnataka** | **Gujarat** | **Delhi** |
| Table | 38662.59 | 35085.67 | 23067.12 | 32837.26 | 15672.72 |
| Ruler | 43785.45 | 30057.32 | 31485.85 | 26490.77 | 18489.22 |
| Dress | 30640.46 | 29541.25 | 24915.6 | 36623.43 | 17321.05 |
| Lentils | 22604.76 | 22387.31 | 18460.17 | 33434.66 | 30643.45 |
| Eraser | 21005.85 | 38438.67 | 27159.83 | 27662.05 | 27295.47 |
| Headphones | 20493.71 | 30791.05 | 19381.85 | 24442.23 | 29032.67 |
| Laptop | 30650.07 | 17166.38 | 16054.8 | 18891.22 | 29154.79 |
| Pants | 23413.66 | 19109.51 | 30651.68 | 18084.94 | 26026.23 |
| Shirt | 27481.54 | 27920.51 | 17877.34 | 18763.75 | 37175.02 |
| Rice | 38081.86 | 23350.73 | 19208.84 | 31220.1 | 30889.67 |
| Sugar | 13318.49 | 40036.88 | 31959.32 | 29435.41 | 30991.66 |
| Bed | 24333.63 | 16080.82 | 32533.2 | 25486.05 | 23029.41 |
| Oil | 17657.13 | 37448.05 | 22077.2 | 21420.66 | 25667.2 |
| Jacket | 18048.37 | 31840.9 | 33361.73 | 32038.84 | 44804.76 |
| Pen | 37838.78 | 28004.42 | 39912.1 | 26236.23 | 21468.41 |
| Smartphone | 27004.65 | 20202.6 | 21837.68 | 39713.64 | 28486.25 |
| Tablet | 23835.44 | 23809.7 | 13271.98 | 22217.92 | 36482.34 |
| Sofa | 30217.91 | 22212.58 | 35664.82 | 38399.11 | 31648.52 |
| Notebook | 30544.41 | 29065.83 | 26651.27 | 37593.99 | 35862.34 |
| Chair | 31185.26 | 29243.8 | 28592.91 | 42883.33 | 16542.96 |