

Cubes – Threshold Thematic Options

Summary

Two new thematic shading options have been added, that allow for a two-way threshold to highlight values above and below a threshold value.

The two new thematic shading options are called **Equal Ranges From Threshold** and **Quantiles From Threshold**. Both allow for a two-way threshold that highlights values above and below a threshold value.

The example below illustrates the **Equal Ranges From Threshold** option using the **Market Insight Demo** data system.

- Create a **Cube** that displays **Economic Region** by **Policy Product Type** at the **Records** table level, restricted to **Manufacturing** in the underlying **Selection**
- Add the **Index** statistic to the **Cube** display

- Set the **Index** statistic to **Primary**
- Select **Equal Ranges From Threshold** as the **Thematic** type

- Set the **Threshold** figure to **100**
- Change the colours used for the shading to something appropriate e.g. Low = Blue and High = Red

- Click the **OK** button to see the results

| Economic Region | PRODUCT A | | PRODUCT B | | PRODUCT C | | PRODUCT D | |
|-----------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|
| | Records | Index of Records | Records | Index of Records | Records | Index of Records | Records | Index of Records |
| Unclassified | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| North | 85 | 93.60 | 64 | 98.61 | 80 | 103.58 | 64 | 120.55 |
| North West (Excludin | 123 | 93.79 | 79 | 84.28 | 112 | 100.41 | 78 | 101.73 |
| South East (Outside M | 438 | 88.60 | 272 | 76.98 | 400 | 95.13 | 222 | 76.81 |
| South West | 294 | 136.04 | 152 | 98.41 | 154 | 83.78 | 130 | 102.89 |
| East Midlands | 182 | 119.85 | 114 | 105.04 | 139 | 107.62 | 126 | 141.92 |
| West Midlands | 182 | 101.61 | 108 | 84.36 | 167 | 109.62 | 126 | 120.32 |
| East Anglia | 89 | 103.38 | 61 | 99.14 | 90 | 122.92 | 49 | 97.35 |
| Yorkshire and Humber | 221 | 124.79 | 105 | 82.96 | 185 | 122.82 | 120 | 115.90 |
| South East (Inside M2 | 213 | 58.48 | 132 | 50.71 | 186 | 60.05 | 111 | 52.13 |
| Scotland | 185 | 124.61 | 242 | 228.06 | 170 | 134.63 | 97 | 111.75 |
| Wales | 106 | 115.13 | 79 | 120.06 | 71 | 90.67 | 72 | 133.76 |
| Northern Ireland | 85 | 176.25 | 169 | 490.30 | 99 | 241.36 | 91 | 322.74 |
| Greater Manchester | 62 | 74.01 | 41 | 68.48 | 72 | 101.05 | 37 | 75.54 |
| Channel Islands | 3 | 73.24 | 3 | 102.48 | 4 | 114.82 | 3 | 125.28 |
| TOTAL | 2,268 | 100.00 | 1,621 | 100.00 | 1,929 | 100.00 | 1,326 | 100.00 |

The colour highlighting on the Cube makes it easier to establish insight such as that there are a higher than expected number of Records from Northern Ireland with Product B.

Use the sliding bar at the bottom of the cube to quickly highlight and select ranges of cells by the thematic colour shading.