|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Rule** | **Error** | **Total Error** |
| **City Size** | **Big🡪yes** | **1/3** | **3/12** |
| **Mid🡪NO** | **1/5** |
| **Small🡪No** | **1/4** |
| **Avg Income** | **High🡪yes** | **2/6** | **2/12** |
| **Mid🡪No** | **0/5** |
| **Low🡪No** | **0/1** |
| **Local**  Investment | **Yes🡪NO** | **2/6** | **4/12** |
| **NO🡪NO** | **2/6** |
|  |  |
| **Lohas Awareness** | **High🡪yes** | **2/5** | **2/12** |
| Mid🡪NO | **1/5** |
| **Low🡪NO** | **0/2** |

**Liberty store case exercise**

**Table-1**

From Table-1, I got two attributes with same number of total least error , one is Avg income , another one is LOHAS Awareness. I selected Avg income as it is more error free in its value level.

**Table-2:**

|  |  |  |  |
| --- | --- | --- | --- |
| Attribute | Role | Error | Total\_error |
| City Size | Big🡪yes | 0/2 | 1/6 |
| Mid🡪NO | 1/3 |
| Small🡪yes | 0/1 |
| Local Investment | Yes🡪yes | 1/3 | 2/6 |
| No🡪yes | 1/3 |
| LOHAS Awareness | High🡪yes | 0/3 | 1/6 |
| Med🡪yes | 1/2 |
| Low🡪NO | 0/1 |

Above table-2, I am seeing number of least error attributes is LOHAS Awareness.

**Table-3:**

|  |  |  |  |
| --- | --- | --- | --- |
| Attributes | Role | Error | Total Error |
| City-size | Med🡪yes | 1/2 | 1/2 |
| Local Investment | Yes🡪yes | 0/1 | 0/2 |
| NO🡪No | 0/1 |

==High ==Mid ==Low

=High

=Mid =low

=yes =No

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| City Size | Avg Income | Local Investment | Lohas Awareness | Decesion |
| Med | Med | No | Med | No |