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"Age              20.25\n",
"Annual Income (k$)  36.50\n",
"Spending Score (1-100)  38.25\n",
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]
},
},
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"iqr"
]
},
{

```

```

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      "Annual Income (k$)  -13.250\n",
      "Spending Score (1-100) -22.625\n",
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  "low"
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          "Age             79.375\n",
          "Annual Income (k$)  132.750\n",
          "Spending Score (1-100)  130.375\n",
          "dtype: float64"
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],
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  " #   Column                Non-Null Count  Dtype \n",
  "---  -
  " 0   CustomerID            200 non-null   int64 \n",
  " 1   Gender                200 non-null   object\n",
  " 2   Age                  200 non-null   int64 \n",
  " 3   Annual Income (k$)    200 non-null   int64 \n",
  " 4   Spending Score (1-100) 200 non-null   int64 \n",
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"      <th>Gender</th>\n",
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```

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    "sc=MinMaxScaler()"
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                    "       [0.      , 0.09615385, 0.00900901, 0.7755102 ],\n",
                    "       [0.      , 0.25      , 0.01801802, 0.39795918],\n",
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          "      <th>Spending Score (1-100)</th>\n",
          "      <th>clust</th>\n",
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          "      <td>126</td>\n",
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          "    <tr>\n",

```

```

"    <th>197</th>\n",
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"</div>"

```

```

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  "196         197      0   45              126              28  \n",
  "197         198      1   32              126              74  \n",
  "198         199      1   32               60              18  \n",
  "199         200      1   30               60              83  \n",
  "\n",
  "   clust  \n",
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  "196     2  \n",
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          "    vertical-align: middle;\n",

```

```

"    }\n",
"\n",
"    .dataframe tbody tr th {\n",
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"      <th>Age</th>\n",
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"      <th>Spending Score (1-100)</th>\n",
"    </tr>\n",
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```

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"1 1 21 15 81\n",
"2 0 20 16 6\n",
"3 0 23 16 77\n",
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]
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"x.head()"
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" vertical-align: top;\n",
" }\n",
"\n",
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" <th>Gender</th>\n",
" <th>Age</th>\n",
" <th>Annual Income (k$)</th>\n",

```

```

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"     <th>196</th>\n",
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"     <td>1</td>\n",
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"     <td>74</td>\n",
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"     <td>1</td>\n",
"     <td>32</td>\n",
"     <td>60</td>\n",
"     <td>18</td>\n",
"   </tr>\n",
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"     <th>199</th>\n",
"     <td>1</td>\n",
"     <td>30</td>\n",
"     <td>60</td>\n",
"     <td>83</td>\n",
"   </tr>\n",
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"</table>\n",
"</div>"
],
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"  Gender  Age  Annual Income (k$)  Spending Score (1-100)\n",
"195     0   35           120           79\n",
"196     0   45           126           28\n",
"197     1   32           126           74\n",
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    "from sklearn.ensemble import RandomForestClassifier"
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```

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]
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{
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},
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    "from sklearn.metrics import accuracy_score\n",
    "accuracy_score(y_test,pred)"
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    "metrics.confusion_matrix(y_test,pred)"
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}

```

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      "version": 3
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