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France  Female   42  \n",

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google.colab.kernel.invokeFunction('convertToInteractive',\n",
    [key], {});\n",
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    \n",
    const docLinkHtml = 'Like what you see? Visit
the ' +\n",
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href=https://colab.research.google.com/notebooks/data_table.ipynb>data
table notebook</a>\n",
    + ' to learn more about interactive
tables.';\n",
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0.009497 -0.014883
0.003965 0.000842
1.000000 -0.009997
0.009997 1.000000
0.028308 -0.012254
0.030680 0.013444
0.011721 0.022583
0.085472 -0.028362
0.007201 0.007784
          RowNumber  CustomerId  CreditScore
1.000000    0.004202    0.005840
0.004202    1.000000    0.005308
0.005840    0.005308    1.000000 -
0.000783    0.009497   -0.003965
-0.006495   -0.014883    0.000842 -
-0.009997   -0.012419    0.006268
0.009997    0.016972    0.012238 -
0.000599   -0.014025   -0.005458 -
0.012044    0.001665    0.025651
-0.005988    0.015271   -0.001384 -
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"         <td>-0.011421</td>\n",
"         <td>-0.156128</td>\n",
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"     <tr>\n",
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```

```

"      <td>-0.001384</td>\n",
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"  </tbody>\n",
"</table>\n",
"</div>\n",
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onclick=\"convertToInteractive('df-78fe0be3-ecb9-4cc8-94d5-
04df39ff34aa')\">\n",
"      title=\"Convert this dataframe to an
interactive table.\">\n",
"      style=\"display:none;\">\n",
"      \n",
"    <svg xmlns=\"http://www.w3.org/2000/svg\"
height=\"24px\" viewBox=\"0 0 24 24\">\n",
"      width=\"24px\">\n",
"      <path d=\"M0 0h24v24H0V0z\" fill=\"none\"/>\n",
"      <path d=\"M18.56 5.44l.94 2.06.94-2.06.94-
2.06-.94-.94-2.06-.94 2.06-2.06.94zm-11 1L8.5 8.5l.94-2.06 2.06-.94-
2.06-.94L8.5 2.51-.94 2.06-2.06.94zm10 10l.94 2.06.94-2.06.94-
2.06-.94-.94-2.06-.94 2.06-2.06.94z\"/><path d=\"M17.41 7.96l-1.37-
1.37c-.4-.4-.92-.59-1.43-.59-.52 0-1.04.2-1.43.59L10.3 9.45l-7.72
7.72c-.78.78-.78 2.05 0 2.83L4 21.41c.39.39.95.59 1.41.59.51 0 1.02-.2
1.41-.59l7.78-7.78 2.81-2.81c.8-.78.8-2.07 0-2.86zM5.41 20L4
18.59l7.72-7.72 1.47 1.35L5.41 20z\"/>\n",
"    </svg>\n",
"    </button>\n",
"    \n",
"    <style>\n",
"      .colab-df-container {\n",
"        display: flex;\n",

```

```

"      flex-wrap:wrap;\n",
"      gap: 12px;\n",
"    }\n",
"\n",
"    .colab-df-convert {\n",
"      background-color: #E8F0FE;\n",
"      border: none;\n",
"      border-radius: 50%;\n",
"      cursor: pointer;\n",
"      display: none;\n",
"      fill: #1967D2;\n",
"      height: 32px;\n",
"      padding: 0 0 0 0;\n",
"      width: 32px;\n",
"    }\n",
"\n",
"    .colab-df-convert:hover {\n",
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"      box-shadow: 0px 1px 2px rgba(60, 64, 67, 0.3),
0px 1px 3px 1px rgba(60, 64, 67, 0.15);\n",
"      fill: #174EA6;\n",
"    }\n",
"\n",
"    [theme=dark] .colab-df-convert {\n",
"      background-color: #3B4455;\n",
"      fill: #D2E3FC;\n",
"    }\n",
"\n",
"    [theme=dark] .colab-df-convert:hover {\n",
"      background-color: #434B5C;\n",
"      box-shadow: 0px 1px 3px 1px rgba(0, 0, 0,
0.15);\n",
"      filter: drop-shadow(0px 1px 2px rgba(0, 0, 0,
0.3));\n",
"      fill: #FFFFFF;\n",
"    }\n",
"  </style>\n",
"\n",
"  <script>\n",
"    const buttonEl =\n",
"      document.querySelector('#df-78fe0be3-ecb9-
4cc8-94d5-04df39ff34aa button.colab-df-convert');\n",
"    buttonEl.style.display =\n",
"      google.colab.kernel.accessAllowed ? 'block' :
'none';\n",
"\n",
"    async function convertToInteractive(key) {\n",
"      const element = document.querySelector('#df-
78fe0be3-ecb9-4cc8-94d5-04df39ff34aa');\n",
"      const dataTable =\n",
"        await
google.colab.kernel.invokeFunction('convertToInteractive',\n",

```



```

        "
[key], {}));\n",
        "                if (!dataTable) return;\n",
        "\n",
        "                const docLinkHtml = 'Like what you see? Visit
the ' +\n",
        "                '<a target=\"_blank\"
href=https://colab.research.google.com/notebooks/data_table.ipynb>data
table notebook</a>'\n",
        "                + ' to learn more about interactive
tables.';\n",
        "                element.innerHTML = '';\n",
        "                dataTable['output_type'] =
'display_data';\n",
        "                await
google.colab.output.renderOutput(dataTable, element);\n",
        "                const docLink =
document.createElement('div');\n",
        "                docLink.innerHTML = docLinkHtml;\n",
        "                element.appendChild(docLink);\n",
        "            }\n",
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        "    </div>\n",
        " </div>\n",
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[illegible]

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      "X_train, X_test, y_train, y_test = train_test_split(\n",

```

```
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