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Male\n".
                    42\n",
                  \n",
                  \n".
                    9999\n",
                    15628319\n",
                    Walker\n",
                    792\n",
                    France
                    Female\n",
                    28\n",
                  \n".
                \n",
             "\n",
             "10000 rows 脳 6 columns\n",
              "</div>\n",
                     <button class=\"colab-df-convert\" onclick=\"convertToInteractive('df-
f9eaa05b-4820-4848-9f4e-e2bf33162c95')\"\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 2.06-.94-2.06-.94-2.06-.94</pre>
2.06-2.06.94zm-11 1L8.5 8.5l.94-2.06 2.06-.94-2.06-.94L8.5 2.5l-.94 2.06-2.06.94zm10 10l.94
2.06.94-2.06 2.06-.94-2.06-.94-2.06-.94 2.06-2.06.94z\"/><path d=\"M17.41 7.96l-1.37-
2.83L4 21.41c.39.39.9.59 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",
                    background-color: #E2EBFA;\n",
                      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".
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                       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.guerySelector('#df-f9eaa05b-4820-4848-9f4e-
e2bf33162c95 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-f9eaa05b-4820-
4848-9f4e-e2bf33162c95');\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",
                                                                              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",
                       </script>\n",
                     </div>\n",
                   </div>\n",
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have any null values in the dataset\n".
         "#we dont have any null values to perform handling missing values"
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            color=None,
                            pattern_shape=None,
                                                     facet_row=None,
                                                                           facet_col=None,
facet_col_wrap=0, facet_row_spacing=None, facet_col_spacing=None, hover_name=None,
hover_data=None, animation_frame=None, animation_group=None, category_orders=None,
labels=None.
                       color discrete sequence=None.
                                                                 color discrete map=None.
pattern_shape_sequence=None, pattern_shape_map=None, marginal=None, opacity=None,
orientation=None,
                    barmode='relative',
                                        barnorm=None,
                                                            histnorm=None,
                                                                               log_x=False,
log_y=False, range_x=None, range_y=None, histfunc=None, cumulative=None, nbins=None,
text_auto=False, title=None, template=None, width=None, height=None)>"
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  },
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         "[2 15647311 'Hill' ... 0 1 112542.58]\n",
         " [3 15619304 'Onio' ... 1 0 113931.57]\n",
          ' ...\n",
         " [9998 15584532 'Liu' ... 0 1 42085.58]\n",
         "[9999 15682355 'Sabbatini' ... 1 0 92888.52]\n",
         " [10000 15628319 'Walker' ... 1 0 38190.78]]\n"
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  ],
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    X = df.iloc[:, :-1].values n",
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  ]
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  "outputs": [
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    }
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    "print(Y)"
  ]
},
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    }
  ],
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      "name": "python3"
    "codemirror_mode": {
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"version": 3
       "file_extension": ".py",
       "mimetype": "text/x-python",
       "name": "python",
       "nbconvert_exporter": "python",
      "pygments_lexer": "ipython3",
       "version": "3.9.12"
    },
    "colab": {
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    }
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}
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