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notebook</a>'\n",
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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
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1.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [2.0000000e+00, 1.5647311e+07, 1.1770000e+03, ...,
1.0000000e+00,\n",
              "        0.0000000e+00, 1.0000000e+00],\n",
              "       [3.0000000e+00, 1.5619304e+07, 2.0400000e+03, ...,
3.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00],\n",
              "       ...,\n",
              "       [9.9980000e+03, 1.5584532e+07, 1.5700000e+03, ...,
1.0000000e+00,\n",
              "        0.0000000e+00, 1.0000000e+00],\n",
              "       [9.9990000e+03, 1.5682355e+07, 2.3450000e+03, ...,
2.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00],\n",
              "       [1.0000000e+04, 1.5628319e+07, 2.7510000e+03, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00]])"
            ]
          },
```

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    ]
  },
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    ],
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      },
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      "outputId": "13dbaaba-067a-4c23-9be1-4f09b3a73b27"
    },
    "execution_count": "null",
    "outputs": [
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        "data": {
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            "       [1.1254258e+05, 0.0000000e+00],\n",
            "       [1.1393157e+05, 1.0000000e+00],\n",
            "       ...,\n",
            "       [4.2085580e+04, 1.0000000e+00],\n",
            "       [9.2888520e+04, 1.0000000e+00],\n",
            "       [3.8190780e+04, 0.0000000e+00]])"
          ]
        },
        "metadata": {},
        "execution_count": 21
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    ]
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    ],
    "metadata": {
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    },
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    "outputs": []
  },
  {
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    "source": [
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train_test_split(x,y,test_size=0.3,random_state=0)"
    ],
    "metadata": {
      "id": "imxXGVmXVovW"
    },
    "execution_count": "null",
    "outputs": []
```

```
    },
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      ],
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      "execution_count": "null",
      "outputs": [
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2.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [9.0320000e+03, 1.5742323e+07, 1.6400000e+02, ...,
2.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00],\n",
              "       [3.6920000e+03, 1.5760244e+07, 1.3040000e+03, ...,
1.0000000e+00,\n",
              "        0.0000000e+00, 1.0000000e+00],\n",
              "       ...,\n",
              "       [3.2650000e+03, 1.5574372e+07, 1.2020000e+03, ...,
2.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00],\n",
              "       [9.8460000e+03, 1.5664035e+07, 2.1220000e+03, ...,
2.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [2.7330000e+03, 1.5592816e+07, 2.6780000e+03, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00]])"
            ]
          },
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        }
      ]
    },
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        "xtest"
      ],
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        },
        "id": "KJ_QFNAiWV6V",
        "outputId": "ad3e963c-b846-49b3-b9de-1d04cec62adb"
      },
      "execution_count": "null",
      "outputs": [
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```
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1.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [8.9900000e+02, 1.5654700e+07, 8.4600000e+02, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 0.0000000e+00],\n",
              "       [2.3990000e+03, 1.5633877e+07, 1.8570000e+03, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       ...,\n",
              "       [9.3080000e+03, 1.5680405e+07, 2.0890000e+03, ...,
2.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [8.3950000e+03, 1.5597983e+07, 3.3600000e+02, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00],\n",
              "       [5.2340000e+03, 1.5591286e+07, 2.4530000e+03, ...,
1.0000000e+00,\n",
              "        1.0000000e+00, 1.0000000e+00]])"
            ]
          },
          "metadata": {},
          "execution_count": 25
        }
      ]
    },
    {
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      "source": [
        "ytest"
      ],
      "metadata": {
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        "id": "7mGyI5JsWZvS",
        "outputId": "65d6f3a7-e12d-42be-dbd8-ac093775d296"
      },
      "execution_count": "null",
      "outputs": [
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          "data": {
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              "       [1.2870210e+05, 1.0000000e+00],\n",
              "       [7.5732250e+04, 0.0000000e+00],\n",
              "       ...,\n",
              "       [1.6740029e+05, 0.0000000e+00],\n",
              "       [7.0849470e+04, 0.0000000e+00],\n",
              "       [3.3759410e+04, 1.0000000e+00]])"
            ]
          },
          "metadata": {},
          "execution_count": 26
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        }
      ]
    },
    {
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        "outputId": "c7588d22-a74d-4cd8-ce9e-45812b721bc0"
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              "       [1.9823020e+04, 0.0000000e+00],\n",
              "       [1.3848580e+04, 0.0000000e+00],\n",
              "       ...,\n",
              "       [1.8142987e+05, 0.0000000e+00],\n",
              "       [1.4875016e+05, 0.0000000e+00],\n",
              "       [1.1885526e+05, 1.0000000e+00]])"
            ]
          },
          "metadata": {},
          "execution_count": 27
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      ]
    },
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      "source": [],
      "metadata": {
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      },
      "execution_count": "null",
      "outputs": []
    }
  ]
}
```