


```

[\"n      1,\n      2\n      ],\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"WHEEZING\",\\n      \"properties\": {\n      \"dtype\":\n\"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      1,\n      2\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"ALCOHOL_CONSUMING\",\\n      \"properties\": {\n      \"dtype\": \"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      1,\n      2\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"COUGHING\",\\n      \"properties\": {\n      \"dtype\": \"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      1,\n      2\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"SHORTNESS_OF_BREATH\",\\n      \"properties\": {\n      \"dtype\": \"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      1,\n      2\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"SWALLOWING_DIFFICULTY\",\\n      \"properties\": {\n      \"dtype\": \"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      1,\n      2\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"CHEST_PAIN\",\\n      \"properties\": {\n      \"dtype\": \"number\",\\n      \"std\": 0,\\n      \"min\": 1,\\n      \"max\": 2,\\n      \"num_unique_values\": 2,\\n      \"samples\":\n[\\n      2,\n      1\n      ],\\n      \"semantic_type\":\n\"\",\\n      \"description\": \\"\\n      \\\">\n      },\\n      {\n\"column\": \"LUNG_CANCER\",\\n      \"properties\": {\n      \"dtype\": \"category\",\\n      \"num_unique_values\": 2,\n      \"samples\": [\n      \"YES\",\\n      \"NO\"\n      ],\\n      \"semantic_type\": \"\",\\n      \"description\": \\"\\n      \\\">\n      }\n      ]\\n    }\\n  }\\n},\\n  \"type\": \"dataframe\",\\n  \"variable_name\": \"dia\"\n}\n\nind=dia[\"SMOKING\", \"PEER_PRESSURE\"]\nodeud=dia[\"LUNG_CANCER\"]\n\nLogr=LogisticRegression()\n\nLogr.fit(ind,oud)\n\nLogisticRegression()\n\nsmoke=int(input(\"Enter smoking value:\")\npeerpressure=int(input(\"Enter the peerpressure:\"))

```

```
pred=Logr.predict([[smoke,peerpressure]])
print(pred)

Enter smoking value:2
Enter the peerpressure:1
['YES']

/usr/local/lib/python3.12/dist-packages/sklearn/utils/
validation.py:2739: UserWarning: X does not have valid feature names,
but LogisticRegression was fitted with feature names
warnings.warn(
```