

```
In [1]: import numpy as np
        from sklearn.datasets import make_classification
        from sklearn.model_selection import train_test_split
        from sklearn.linear_model import LogisticRegression
        from sklearn.ensemble import RandomForestClassifier
        from xgboost import XGBClassifier
        from sklearn.metrics import classification_report
        import warnings
        warnings.filterwarnings('ignore')
```

```
In [2]: x,y=make_classification(n_samples=1000,n_features=10,n_informative=2,n_redundant
                                weights=[0.9,0.1],flip_y=0,random_state=42)
        np.unique(y,return_counts=True)
```

```
Out[2]: (array([0, 1]), array([900, 100]))
```

```
In [3]: x_train,x_test,y_train,y_test=train_test_split(x,y,test_size=0.3,stratify=y,rand
```

```
In [4]: x
```

```
Out[4]: array([[ -2.33224581,  -1.73015228,  -4.05388142, ...,   0.85612326,
                 -3.13555024,   1.22003574],
                [  0.78663065,   0.72655494,   1.07774555, ...,  -0.32878979,
                 0.66469403,  -0.32691647],
                [  1.4709666 ,   1.32562619,   2.08216446, ...,  -0.60558465,
                 1.33361742,  -0.63083993],
                ...,
                [-2.78244158,  -1.9136032 ,  -5.14120195, ...,   0.97924357,
                 -4.15435048,   1.54457183],
                [-0.43118285,  -0.76179492,   0.14539007, ...,   0.2819945 ,
                 0.6344439 ,  -0.0358334 ],
                [-1.41528041,  -1.09134101,  -2.37613076, ...,   0.53112078,
                 -1.78892693,   0.71585107]], shape=(1000, 10))
```

```
In [5]: y
```

```
In [6]: x_train
```

```
Out[6]: array([[ 1.18673836,  1.51144074,  0.78490373, ..., -0.61229492,
                -0.13830257, -0.24753395],
               [-1.28810271, -1.03855344, -2.07092052, ...,  0.49607021,
                -1.50376955,  0.62474155],
               [ 1.66393774,  1.55142135,  2.25024183, ..., -0.69955586,
                1.36600648, -0.68290518],
               ...,
               [ 0.43101615,  0.90013637, -0.42606094, ..., -0.32069604,
                -1.01508454,  0.11782042],
               [ 0.79839935,  1.5003473 , -0.45098948, ..., -0.54728572,
                -1.42140103,  0.11944858],
               [ 0.67367695,  1.27538516, -0.39960348, ..., -0.464427 ,
                -1.22522394,  0.10635794]], shape=(700, 10))
```

```
In [7]: x_test
```

```
Out[7]: array([[ 0.12763692,  0.53885434, -0.67754938, ..., -0.17119613,
                -1.04870039,  0.1959492 ],
               [-2.10542071, -1.44658591, -3.8930874 , ...,  0.74058273,
                -3.14736801,  1.16957702],
               [-0.28933147, -0.48475775,  0.04406009, ...,  0.18182712,
                0.35313638, -0.00841763],
               ...,
               [-0.2028541 , -0.0583418 , -0.53918182, ...,  0.04866874,
                -0.52587706,  0.16061758],
               [-2.51465752, -1.75645549, -4.59169829, ...,  0.89256429,
                -3.68030212,  1.37994004],
               [-0.702736 , -0.66487094, -0.93080234, ...,  0.29814829,
                -0.55038561,  0.28270309]], shape=(300, 10))
```

```
In [8]: y_train
```

```
In [9]: y_test
```

```
In [10]: params={
    "solver": "lbfgs",
    "max_iter": 1000,
    "multi_class": "auto",
    "random_state": 42,
}
lr=LogisticRegression(**params)
lr.fit(x_train,y_train)

y_pred=lr.predict(x_test)
```

```
report=classification_report(y_test,y_pred)
print(report)
```

	precision	recall	f1-score	support
0	0.95	0.97	0.96	270
1	0.62	0.50	0.56	30
accuracy			0.92	300
macro avg	0.79	0.73	0.76	300
weighted avg	0.91	0.92	0.92	300

```
In [11]: report_dict=classification_report(y_test,y_pred,output_dict=True)
report_dict
```

```
Out[11]: {'0': {'precision': 0.9456521739130435,
  'recall': 0.9666666666666667,
  'f1-score': 0.9560439560439561,
  'support': 270.0},
  '1': {'precision': 0.625,
  'recall': 0.5,
  'f1-score': 0.5555555555555556,
  'support': 30.0},
  'accuracy': 0.92,
  'macro avg': {'precision': 0.7853260869565217,
  'recall': 0.7333333333333334,
  'f1-score': 0.7557997557997558,
  'support': 300.0},
  'weighted avg': {'precision': 0.9135869565217392,
  'recall': 0.92,
  'f1-score': 0.9159951159951161,
  'support': 300.0}}
```

```
In [12]: import mlflow
```

```
-----
ModuleNotFoundError                                Traceback (most recent call last)
Cell In[12], line 1
----> 1 import mlflow

ModuleNotFoundError: No module named 'mlflow'
```

```
In [13]: !pip install mlflow
```

Collecting mlflow  
Using cached mlflow-3.4.0-py3-none-any.whl.metadata (30 kB)  
Collecting mlflow-skinny==3.4.0 (from mlflow)  
Using cached mlflow\_skinny-3.4.0-py3-none-any.whl.metadata (31 kB)  
Collecting mlflow-tracing==3.4.0 (from mlflow)  
Using cached mlflow\_tracing-3.4.0-py3-none-any.whl.metadata (19 kB)  
Requirement already satisfied: Flask<4 in d:\new folder\lib\site-packages (from mlflow) (3.1.0)  
Collecting alembic!=1.10.0,<2 (from mlflow)  
Using cached alembic-1.16.5-py3-none-any.whl.metadata (7.3 kB)  
Requirement already satisfied: cryptography<46,>=43.0.0 in d:\new folder\lib\site-packages (from mlflow) (44.0.1)  
Collecting docker<8,>=4.0.0 (from mlflow)  
Using cached docker-7.1.0-py3-none-any.whl.metadata (3.8 kB)  
Collecting fastmcp<3,>=2.0.0 (from mlflow)  
Downloading fastmcp-2.12.4-py3-none-any.whl.metadata (19 kB)  
Collecting graphene<4 (from mlflow)  
Using cached graphene-3.4.3-py2.py3-none-any.whl.metadata (6.9 kB)  
Requirement already satisfied: matplotlib<4 in d:\new folder\lib\site-packages (from mlflow) (3.10.0)  
Requirement already satisfied: numpy<3 in d:\new folder\lib\site-packages (from mlflow) (2.3.3)  
Requirement already satisfied: pandas<3 in d:\new folder\lib\site-packages (from mlflow) (2.2.3)  
Requirement already satisfied: pyarrow<22,>=4.0.0 in d:\new folder\lib\site-packages (from mlflow) (19.0.0)  
Requirement already satisfied: scikit-learn<2 in d:\new folder\lib\site-packages (from mlflow) (1.6.1)  
Requirement already satisfied: scipy<2 in d:\new folder\lib\site-packages (from mlflow) (1.15.3)  
Requirement already satisfied: sqlalchemy<3,>=1.4.0 in d:\new folder\lib\site-packages (from mlflow) (2.0.39)  
Collecting waitress<4 (from mlflow)  
Using cached waitress-3.0.2-py3-none-any.whl.metadata (5.8 kB)  
Requirement already satisfied: cachetools<7,>=5.0.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (5.5.1)  
Requirement already satisfied: click<9,>=7.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (8.1.8)  
Requirement already satisfied: cloudpickle<4 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (3.0.0)  
Collecting databricks-sdk<1,>=0.20.0 (from mlflow-skinny==3.4.0->mlflow)  
Using cached databricks\_sdk-0.67.0-py3-none-any.whl.metadata (39 kB)  
Requirement already satisfied: fastapi<1 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (0.116.1)  
Requirement already satisfied: gitpython<4,>=3.1.9 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (3.1.43)  
Requirement already satisfied: importlib\_metadata!=4.7.0,<9,>=3.7.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (8.5.0)  
Collecting opentelemetry-api<3,>=1.9.0 (from mlflow-skinny==3.4.0->mlflow)  
Using cached opentelemetry\_api-1.37.0-py3-none-any.whl.metadata (1.5 kB)  
Collecting opentelemetry-proto<3,>=1.9.0 (from mlflow-skinny==3.4.0->mlflow)  
Downloading opentelemetry\_proto-1.37.0-py3-none-any.whl.metadata (2.3 kB)  
Collecting opentelemetry-sdk<3,>=1.9.0 (from mlflow-skinny==3.4.0->mlflow)  
Using cached opentelemetry\_sdk-1.37.0-py3-none-any.whl.metadata (1.5 kB)  
Requirement already satisfied: packaging<26 in c:\users\dell\appdata\roaming\python\python313\site-packages (from mlflow-skinny==3.4.0->mlflow) (25.0)  
Requirement already satisfied: protobuf<7,>=3.12.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (5.29.3)  
Requirement already satisfied: pydantic<3,>=1.10.8 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (2.10.3)

Requirement already satisfied: python-dotenv<2,>=0.19.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (1.1.0)

Requirement already satisfied: pyyaml<7,>=5.1 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (6.0.2)

Requirement already satisfied: requests<3,>=2.17.3 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (2.32.3)

Collecting sqlparse<1,>=0.4.0 (from mlflow-skinny==3.4.0->mlflow)

Using cached sqlparse-0.5.3-py3-none-any.whl.metadata (3.9 kB)

Requirement already satisfied: typing-extensions<5,>=4.0.0 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (4.12.2)

Requirement already satisfied: uvicorn<1 in d:\new folder\lib\site-packages (from mlflow-skinny==3.4.0->mlflow) (0.35.0)

Collecting Mako (from alembic!=1.10.0,<2->mlflow)

Using cached mako-1.3.10-py3-none-any.whl.metadata (2.9 kB)

Requirement already satisfied: colorama in c:\users\dell\appdata\roaming\python\python313\site-packages (from click<9,>=7.0->mlflow-skinny==3.4.0->mlflow) (0.4.6)

Requirement already satisfied: cffi>=1.12 in d:\new folder\lib\site-packages (from cryptography<46,>=43.0.0->mlflow) (1.17.1)

Collecting google-auth~=2.0 (from databricks-sdk<1,>=0.20.0->mlflow-skinny==3.4.0->mlflow)

Using cached google\_auth-2.40.3-py2.py3-none-any.whl.metadata (6.2 kB)

Requirement already satisfied: pywin32>=304 in c:\users\dell\appdata\roaming\python\python313\site-packages (from docker<8,>=4.0.0->mlflow) (311)

Requirement already satisfied: urllib3>=1.26.0 in d:\new folder\lib\site-packages (from docker<8,>=4.0.0->mlflow) (2.3.0)

Requirement already satisfied: starlette<0.48.0,>=0.40.0 in d:\new folder\lib\site-packages (from fastapi<1->mlflow-skinny==3.4.0->mlflow) (0.47.2)

Collecting authlib>=1.5.2 (from fastmcp<3,>=2.0.0->mlflow)

Downloading authlib-1.6.4-py2.py3-none-any.whl.metadata (9.8 kB)

Collecting cyclopts>=3.0.0 (from fastmcp<3,>=2.0.0->mlflow)

Downloading cyclopts-3.24.0-py3-none-any.whl.metadata (11 kB)

Collecting exceptiongroup>=1.2.2 (from fastmcp<3,>=2.0.0->mlflow)

Downloading exceptiongroup-1.3.0-py3-none-any.whl.metadata (6.7 kB)

Requirement already satisfied: httpx>=0.28.1 in d:\new folder\lib\site-packages (from fastmcp<3,>=2.0.0->mlflow) (0.28.1)

Collecting mcp<2.0.0,>=1.12.4 (from fastmcp<3,>=2.0.0->mlflow)

Downloading mcp-1.15.0-py3-none-any.whl.metadata (80 kB)

Collecting openapi-core>=0.19.5 (from fastmcp<3,>=2.0.0->mlflow)

Downloading openapi\_core-0.19.5-py3-none-any.whl.metadata (6.6 kB)

Collecting openapi-pydantic>=0.5.1 (from fastmcp<3,>=2.0.0->mlflow)

Downloading openapi\_pydantic-0.5.1-py3-none-any.whl.metadata (10 kB)

Collecting pydantic<3,>=1.10.8 (from mlflow-skinny==3.4.0->mlflow)

Downloading pydantic-2.11.9-py3-none-any.whl.metadata (68 kB)

Collecting pyperclip>=1.9.0 (from fastmcp<3,>=2.0.0->mlflow)

Downloading pyperclip-1.11.0-py3-none-any.whl.metadata (2.4 kB)

Requirement already satisfied: rich>=13.9.4 in d:\new folder\lib\site-packages (from fastmcp<3,>=2.0.0->mlflow) (13.9.4)

Requirement already satisfied: Werkzeug>=3.1 in d:\new folder\lib\site-packages (from Flask<4->mlflow) (3.1.3)

Requirement already satisfied: Jinja2>=3.1.2 in d:\new folder\lib\site-packages (from Flask<4->mlflow) (3.1.6)

Requirement already satisfied: itsdangerous>=2.2 in d:\new folder\lib\site-packages (from Flask<4->mlflow) (2.2.0)

Requirement already satisfied: blinker>=1.9 in d:\new folder\lib\site-packages (from Flask<4->mlflow) (1.9.0)

Requirement already satisfied: gitdb<5,>=4.0.1 in d:\new folder\lib\site-packages (from gitpython<4,>=3.1.9->mlflow-skinny==3.4.0->mlflow) (4.0.7)

Requirement already satisfied: smmap<5,>=3.0.1 in d:\new folder\lib\site-packages (from gitdb<5,>=4.0.1->gitpython<4,>=3.1.9->mlflow-skinny==3.4.0->mlflow) (4.0.0)

Requirement already satisfied: pyasn1-modules>=0.2.1 in d:\new folder\lib\site-packages

ckages (from google-auth~=2.0->databricks-sdk<1,>=0.20.0->mlflow-skinny==3.4.0->mlflow) (0.2.8)

Collecting rsa<5,>=3.1.4 (from google-auth~=2.0->databricks-sdk<1,>=0.20.0->mlflow-skinny==3.4.0->mlflow)

Using cached rsa-4.9.1-py3-none-any.whl.metadata (5.6 kB)

Collecting graphql-core<3.3,>=3.1 (from graphene<4->mlflow)

Using cached graphql\_core-3.2.6-py3-none-any.whl.metadata (11 kB)

Collecting graphql-relay<3.3,>=3.1 (from graphene<4->mlflow)

Using cached graphql\_relay-3.2.0-py3-none-any.whl.metadata (12 kB)

Requirement already satisfied: python-dateutil<3,>=2.7.0 in c:\users\dell\appdata\roaming\python\python313\site-packages (from graphene<4->mlflow) (2.9.0.post0)

Requirement already satisfied: zipp>=3.20 in d:\new folder\lib\site-packages (from importlib\_metadata!=4.7.0,<9,>=3.7.0->mlflow-skinny==3.4.0->mlflow) (3.21.0)

Requirement already satisfied: contourpy>=1.0.1 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (1.3.1)

Requirement already satisfied: cycycler>=0.10 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (0.11.0)

Requirement already satisfied: fonttools>=4.22.0 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (4.55.3)

Requirement already satisfied: kiwisolver>=1.3.1 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (1.4.8)

Requirement already satisfied: pillow>=8 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (11.1.0)

Requirement already satisfied: pyparsing>=2.3.1 in d:\new folder\lib\site-packages (from matplotlib<4->mlflow) (3.2.0)

Requirement already satisfied: anyio>=4.5 in d:\new folder\lib\site-packages (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (4.7.0)

Collecting httpx-sse>=0.4 (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow)

Downloading httpx\_sse-0.4.1-py3-none-any.whl.metadata (9.4 kB)

Requirement already satisfied: jsonschema>=4.20.0 in d:\new folder\lib\site-packages (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (4.23.0)

Requirement already satisfied: pydantic-settings>=2.5.2 in d:\new folder\lib\site-packages (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (2.6.1)

Requirement already satisfied: python-multipart>=0.0.9 in d:\new folder\lib\site-packages (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (0.0.20)

Collecting sse-starlette>=1.6.1 (from mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow)

Downloading sse\_starlette-3.0.2-py3-none-any.whl.metadata (11 kB)

Collecting opentelemetry-semantic-conventions==0.58b0 (from opentelemetry-sdk<3,>=1.9.0->mlflow-skinny==3.4.0->mlflow)

Using cached opentelemetry\_semantic\_conventions-0.58b0-py3-none-any.whl.metadata (2.4 kB)

Requirement already satisfied: pytz>=2020.1 in d:\new folder\lib\site-packages (from pandas<3->mlflow) (2024.1)

Requirement already satisfied: tzdata>=2022.7 in d:\new folder\lib\site-packages (from pandas<3->mlflow) (2025.2)

Requirement already satisfied: annotated-types>=0.6.0 in d:\new folder\lib\site-packages (from pydantic<3,>=1.10.8->mlflow-skinny==3.4.0->mlflow) (0.6.0)

Collecting pydantic-core==2.33.2 (from pydantic<3,>=1.10.8->mlflow-skinny==3.4.0->mlflow)

Downloading pydantic\_core-2.33.2-cp313-cp313-win\_amd64.whl.metadata (6.9 kB)

Collecting typing-inspection>=0.4.0 (from pydantic<3,>=1.10.8->mlflow-skinny==3.4.0->mlflow)

Using cached typing\_inspection-0.4.1-py3-none-any.whl.metadata (2.6 kB)

Requirement already satisfied: six>=1.5 in c:\users\dell\appdata\roaming\python\python313\site-packages (from python-dateutil<3,>=2.7.0->graphene<4->mlflow) (1.17.0)

Requirement already satisfied: charset-normalizer<4,>=2 in d:\new folder\lib\site-packages (from requests<3,>=2.17.3->mlflow-skinny==3.4.0->mlflow) (3.3.2)

Requirement already satisfied: idna<4,>=2.5 in d:\new folder\lib\site-packages (f



rom requests<3,>=2.17.3->mlflow-skinny==3.4.0->mlflow) (3.7)  
 Requirement already satisfied: certifi>=2017.4.17 in d:\new folder\lib\site-packa  
 ges (from requests<3,>=2.17.3->mlflow-skinny==3.4.0->mlflow) (2025.8.3)  
 Requirement already satisfied: pyasn1>=0.1.3 in d:\new folder\lib\site-packages  
 (from rsa<5,>=3.1.4->google-auth~>=2.0->databricks-sdk<1,>=0.20.0->mlflow-skinny==  
 3.4.0->mlflow) (0.4.8)  
 Requirement already satisfied: joblib>=1.2.0 in d:\new folder\lib\site-packages  
 (from scikit-learn<2->mlflow) (1.4.2)  
 Requirement already satisfied: threadpoolctl>=3.1.0 in d:\new folder\lib\site-pac  
 kages (from scikit-learn<2->mlflow) (3.5.0)  
 Requirement already satisfied: greenlet!=0.4.17 in d:\new folder\lib\site-package  
 s (from sqlalchemy<3,>=1.4.0->mlflow) (3.1.1)  
 Requirement already satisfied: sniffio>=1.1 in d:\new folder\lib\site-packages (f  
 rom anyio>=4.5->mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (1.3.0)  
 Requirement already satisfied: h11>=0.8 in d:\new folder\lib\site-packages (from  
 uvicorn<1->mlflow-skinny==3.4.0->mlflow) (0.16.0)  
 Requirement already satisfied: pycparser in d:\new folder\lib\site-packages (from  
 cffi>=1.12->cryptography<46,>=43.0.0->mlflow) (2.21)  
 Requirement already satisfied: attrs>=23.1.0 in d:\new folder\lib\site-packages  
 (from cyclopts>=3.0.0->fastmcp<3,>=2.0.0->mlflow) (24.3.0)  
 Collecting docstring-parser>=0.15 (from cyclopts>=3.0.0->fastmcp<3,>=2.0.0->mlflo  
 w)  
 Downloading docstring\_parser-0.17.0-py3-none-any.whl.metadata (3.5 kB)  
 Collecting rich-rst<2.0.0,>=1.3.1 (from cyclopts>=3.0.0->fastmcp<3,>=2.0.0->mlflo  
 w)  
 Downloading rich\_rst-1.3.1-py3-none-any.whl.metadata (6.0 kB)  
 Requirement already satisfied: docutils in d:\new folder\lib\site-packages (from  
 rich-rst<2.0.0,>=1.3.1->cyclopts>=3.0.0->fastmcp<3,>=2.0.0->mlflow) (0.21.2)  
 Requirement already satisfied: httpcore==1.\* in d:\new folder\lib\site-packages  
 (from httpx>=0.28.1->fastmcp<3,>=2.0.0->mlflow) (1.0.9)  
 Requirement already satisfied: MarkupSafe>=2.0 in d:\new folder\lib\site-packages  
 (from Jinja2>=3.1.2->Flask<4->mlflow) (3.0.2)  
 Requirement already satisfied: jsonschema-specifications>=2023.03.6 in d:\new fol  
 der\lib\site-packages (from jsonschema>=4.20.0->mcp<2.0.0,>=1.12.4->fastmcp<3,>=  
 2.0.0->mlflow) (2023.7.1)  
 Requirement already satisfied: referencing>=0.28.4 in d:\new folder\lib\site-pack  
 ages (from jsonschema>=4.20.0->mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (0.  
 30.2)  
 Requirement already satisfied: rpds-py>=0.7.1 in d:\new folder\lib\site-packages  
 (from jsonschema>=4.20.0->mcp<2.0.0,>=1.12.4->fastmcp<3,>=2.0.0->mlflow) (0.22.3)  
 Collecting isodate (from openapi-core>=0.19.5->fastmcp<3,>=2.0.0->mlflow)  
 Downloading isodate-0.7.2-py3-none-any.whl.metadata (11 kB)  
 Collecting jsonschema-path<0.4.0,>=0.3.1 (from openapi-core>=0.19.5->fastmcp<3,>=  
 2.0.0->mlflow)  
 Downloading jsonschema\_path-0.3.4-py3-none-any.whl.metadata (4.3 kB)  
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Downloading email_validator-2.3.0-py3-none-any.whl (35 kB)
Downloading dnspython-2.8.0-py3-none-any.whl (331 kB)
Downloading pyperclip-1.11.0-py3-none-any.whl (11 kB)
Downloading sse_starlette-3.0.2-py3-none-any.whl (11 kB)
Using cached typing_inspection-0.4.1-py3-none-any.whl (14 kB)
Downloading isodate-0.7.2-py3-none-any.whl (22 kB)
Using cached mako-1.3.10-py3-none-any.whl (78 kB)
Downloading parse-1.20.2-py2.py3-none-any.whl (20 kB)
Installing collected packages: pyperclip, parse, Werkzeug, waitress, typing-inspe

```

ction, sqlparse, rsa, pydantic-core, pathable, opentelemetry-proto, Mako, lazy-object-proxy, isodate, httpx-sse, graphql-core, exceptiongroup, docstring-parser, dnspython, sse-starlette, pydantic, opentelemetry-api, jsonschema-path, graphql-relay, google-auth, email-validator, docker, alembic, rich-rst, opentelemetry-semantic-conventions, openapi-pydantic, graphene, databricks-sdk, authlib, opentelemetry-sdk, openapi-schema-validator, mcp, cyclopts, openapi-spec-validator, mlflow-tracing, mlflow-skinny, openapi-core, fastmcp, mlflow

Attempting uninstall: Werkzeug

```

----- 2/43 [Werkzeug]
Found existing installation: Werkzeug 3.1.3
----- 2/43 [Werkzeug]
Uninstalling Werkzeug-3.1.3:
----- 2/43 [Werkzeug]
Successfully uninstalled Werkzeug-3.1.3
----- 2/43 [Werkzeug]
----- 2/43 [Werkzeug]
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----- 2/43 [Werkzeug]
----- 3/43 [waitress]
----- 3/43 [waitress]
----- 3/43 [waitress]
----- 3/43 [waitress]
----- 5/43 [sqlparse]
----- 5/43 [sqlparse]
----- 5/43 [sqlparse]
----- 5/43 [sqlparse]
----- 6/43 [rsa]
----- 6/43 [rsa]
----- 6/43 [rsa]
----- 6/43 [rsa]
----- 6/43 [rsa]

```

Attempting uninstall: pydantic-core

```

----- 6/43 [rsa]
Found existing installation: pydantic_core 2.27.1
----- 6/43 [rsa]
Uninstalling pydantic_core-2.27.1:
----- 6/43 [rsa]
Successfully uninstalled pydantic_core-2.27.1
----- 6/43 [rsa]
----- 7/43 [pydantic-core]
----- 8/43 [pathable]
----- 9/43 [opentelemetry-proto]
----- 9/43 [opentelemetry-proto]
----- 10/43 [Mako]
----- 10/43 [Mako]
----- 10/43 [Mako]
----- 10/43 [Mako]
----- 10/43 [Mako]
----- 12/43 [isodate]
----- 12/43 [isodate]
----- 14/43 [graphql-core]
----- 14/43 [graphql-core]
----- 14/43 [graphql-core]

```

Attempting uninstall: pydantic



17/21

18/21

[illegible]

[illegible]

```
ERROR: Could not install packages due to an OSError: [WinError 32] The process cannot access the file because it is being used by another process: 'D:\\New folder\\Lib\\site-packages\\mlflow\\store\\db_migrations\\versions\\770bee3ae1dd_add_assessments_table.py'
Consider using the `--user` option or check the permissions.
```


```
In [14]: import mlflow
```


```
In [17]: mlflow.set_experiment("1st Experiment")
mlflow.set_tracking_uri(uri="http://127.0.0.1:5000/")
#mlflow.set_tracking_uri("http://localhost:5000")

with mlflow.start_run():
    mlflow.log_params(params)
    mlflow.log_metrics({
        'accuracy': report_dict['accuracy'],
        'recall_class_0': report_dict['0']['recall'],
        'recall_class_1': report_dict['1']['recall'],
        'f1_score_macro': report_dict['macro avg']['f1-score']
    })
    mlflow.sklearn.log_model(lr, "Logistic Regression")
```

```
2025/09/27 16:56:33 WARNING mlflow.models.model: `artifact_path` is deprecated. Please use `name` instead.
```

```
2025/09/27 16:56:57 WARNING mlflow.models.model: Model logged without a signature and input example. Please set `input_example` parameter when logging the model to auto infer the model signature.
```

 View run gifted-bear-34 at: <http://127.0.0.1:5000/#/experiments/299183546800400749/runs/1092aacdb9264bf1bc9002e92f18825f>

 View experiment at: <http://127.0.0.1:5000/#/experiments/299183546800400749>

In [ ]: