

LLM Code Generator

Generated Python Code:

```
from dataclasses import dataclass
from enum import Enum

# Define an enumeration for colors
class Color(Enum):
    RED = 1
    GREEN = 2
    BLUE = 3

# Define a data class to represent a shape
@dataclass
class Shape:
    color: Color

# Create instances of the shape
shape1 = Shape(Color.RED)
shape2 = Shape(Color.GREEN)

# Print the colors of the shapes
print(shape1.color) # Output: Color.RED
print(shape2.color) # Output: Color.GREEN
```

Generated Python Code:

```
from sklearn import datasets
import numpy as np
import pandas as pd

# Load the iris dataset
iris = datasets.load_iris()

# Convert the data into a DataFrame
df = pd.DataFrame(data=iris.data, columns=iris.feature_names)
```

```
# Print the first few rows of the DataFrame
print(df.head())

# Convert categorical variables to numerical values
from sklearn.preprocessing import LabelEncoder

le = LabelEncoder()
df['species'] = le.fit_transform(df['species'])

# Drop the 'species' column
df = df.drop('species', axis=1)

# Print the first few rows of the DataFrame after dropping the species column
print(df.head())
```

Execute Code

Execution Output:

Error Output:

FileExistsError: [Errno 17] File exists: 'logs'

Traceback:

```
File "/home/arun/workspace/AgenticAI/env/lib/python3.12/site-packages/streamlit
    result = func()
          ^^^^^^^
File "/home/arun/workspace/AgenticAI/env/lib/python3.12/site-packages/streamlit
    exec(code, module.__dict__)
File "/home/arun/workspace/AgenticAI/editor/editor_old.py", line 86, in <module>
    main()
File "/home/arun/workspace/AgenticAI/editor/editor_old.py", line 83, in main
    code_exec(user_input)
File "/home/arun/workspace/AgenticAI/editor/editor_old.py", line 69, in code_e
    os.mkdir("logs")
```

Enter a prompt for the LLM:

