OUTPUTS

Problem Statement 1: AI-Based Chatbot for Customer Support

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PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\DIYA GOPAL\OneDrive\Desktop\AAIML> & "C:\Users\DIYA GOPAL\AppData\Local\Microsoft ment_1.py"

You: Hello
Bot: Greetings of the day!! How can I help you?

You: How can I reset my password?

Bot: To reset your password, click on 'Forgot Password' at login.

You: Where is my order?

Bot: You can track your order in the 'My Orders' section.

You: Can I change my shipping address?

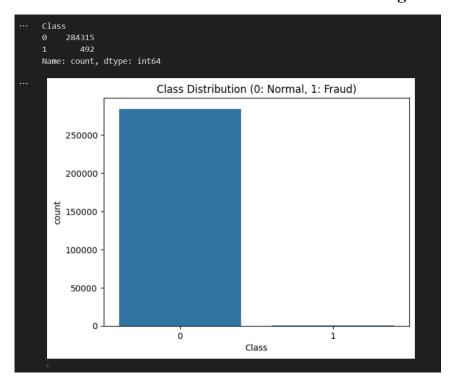
Bot: Yes, you can change your shipping address before the order is shipped.

You: Thank you

Bot: Have a Nice day!!

You:
```

Problem Statement 2: AI-Based Fraud Detection in Banking Transactions



Resampled dataset shape: Class
0 284315
1 284315
Name: count, dtype: int64

```
Confusion Matrix:
 [[56738
         12]
     0 56976]]
Classification Report:
              precision
                            recall f1-score
                                               support
           0
                   1.00
                             1.00
                                       1.00
                                                56750
                   1.00
                             1.00
                                       1.00
                                                56976
    accuracy
                                       1.00
                                               113726
  macro avg
                   1.00
                             1.00
                                       1.00
                                               113726
weighted avg
                   1.00
                             1.00
                                       1.00
                                               113726
ROC-AUC Score: 0.9999990581087081
```

