```
Data Loaded Successfully
   User_ID                              User_Query  \
0     101                How can I reset my password?
1     102                   What are your working hours?
2     103  Can I return a product I bought last week?
3     104                           Where is my order?
4     105         How do I update my shipping address?


                              Chatbot_Response  Response_Time_Seconds  \
0  To reset your password, click on 'Forgot Passw...                    3.2
1  Our working hours are 9 AM to 6 PM, Monday to ...                    2.5
2  Yes, you can return a product within 30 days o...                    4.0
3  Please provide your order number to check the ...                    3.8
4  Go to your account settings and update your sh...                    2.9

   Resolved
0      True
1      True
2      True
3     False
4      True
```

```
Data Info:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 10 entries, 0 to 9
Data columns (total 5 columns):
 #   Column                 Non-Null Count  Dtype
---  ------                 --------------  -----
 0   User_ID                10 non-null     int64
 1   User_Query             10 non-null     object
 2   Chatbot_Response       10 non-null     object
 3   Response_Time_Seconds  10 non-null     float64
 4   Resolved               10 non-null     bool
dtypes: bool(1), float64(1), int64(1), object(2)
memory usage: 462.0+ bytes
None
```

```
Visualizations saved: response_time_distribution.png, resolved_status.png, correlation_heatmap.png
```

Extended analysis complete. Visualizations saved and dataset updated with sentiment scores.

```
Missing Values:
User_ID                     0
User_Query                  0
Chatbot_Response            0
Response_Time_Seconds       0
Resolved                    0
dtype: int64
```