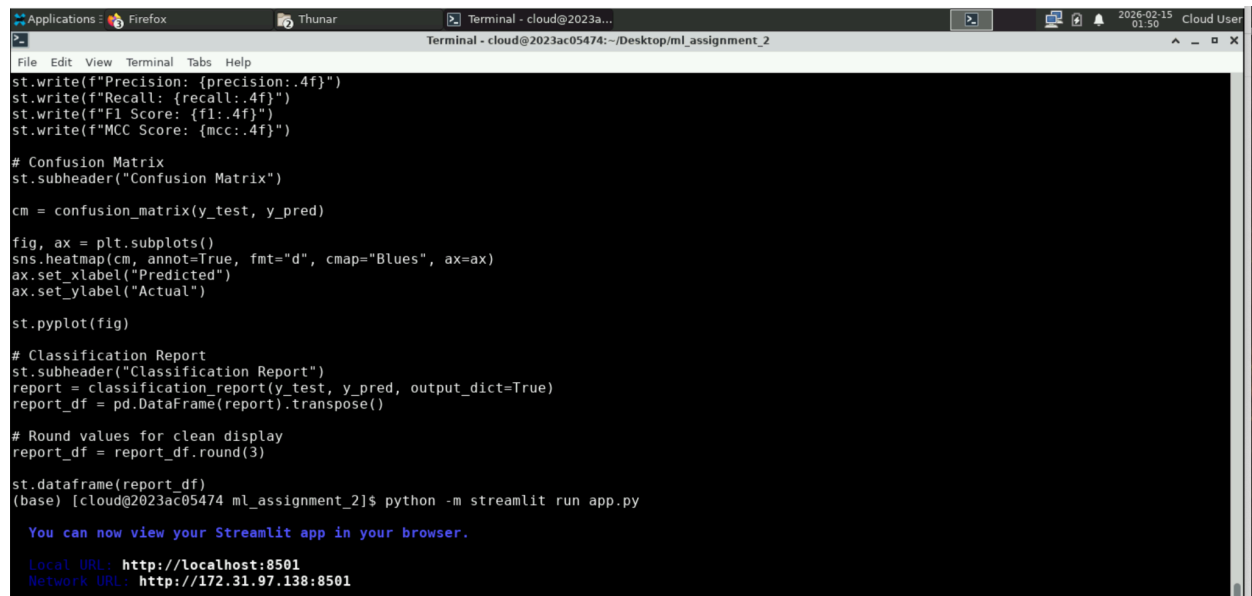


BITs Lab :- Terminal Snapshot

A terminal window titled 'Terminal - cloud@2023a...' showing the execution of a Streamlit application. The code includes metrics for Precision, Recall, F1 Score, and MCC Score, a Confusion Matrix, and a Classification Report. The terminal output shows the app running successfully and provides local and network URLs to view the app in a browser.

```
File Edit View Terminal Tabs Help
st.write(f"Precision: {precision:.4f}")
st.write(f"Recall: {recall:.4f}")
st.write(f"F1 Score: {f1:.4f}")
st.write(f"MCC Score: {mcc:.4f}")

# Confusion Matrix
st.subheader("Confusion Matrix")

cm = confusion_matrix(y_test, y_pred)

fig, ax = plt.subplots()
sns.heatmap(cm, annot=True, fmt="d", cmap="Blues", ax=ax)
ax.set_xlabel("Predicted")
ax.set_ylabel("Actual")

st.pyplot(fig)

# Classification Report
st.subheader("Classification Report")
report = classification_report(y_test, y_pred, output_dict=True)
report_df = pd.DataFrame(report).transpose()

# Round values for clean display
report_df = report_df.round(3)

st.dataframe(report_df)
(base) [cloud@2023ac05474 ml_assignment_2]$ python -m streamlit run app.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8501
Network URL: http://172.31.97.138:8501
```

BITs Lab :- Streamlit App Evidence

