

Generative AI Disclosure

I used Generative Artificial Intelligence (ChatGPT) to assist with parts of this assignment. Specifically, ChatGPT was used to:

- Design and implement Apache Airflow DAGs for:
 - Collecting weather data from an API and storing it in S3
 - Plotting daily dashboards using matplotlib and uploading graphs to S3
 - Training a linear regression model using scikit-learn to predict future temperatures

Example prompts used:

- “Can you help me write an Airflow DAG that fetches weather data every 2 hours and saves it as a .csv in S3?”
- “How can I train a regression model only after 20 and 40 hours of data collection, and store the results in S3?”