

Weather Report Rewriting: Creative Text Generation

Overview

This folder includes scripts designed to rewrite weather reports in a more creative and engaging manner.

Files:

1. **GPT_local.py**

Utilizes a local AI model (LLaMA-3.1) to generate creative and humorous rephrased weather reports. The script employs efficient 4-bit quantization for processing and dynamically adjusts input/output token lengths to enhance text generation.

2. **UHHGPT_scraper.py**

Automates interactions with the UHH GPT web interface, leveraging Selenium to submit weather reports and retrieve creatively rewritten versions.

3. **UHHGPT_scraper.py** Uses the OpenAI paid API to generate creative reports with the gpt-4o-mini model

Approach:

- **Local AI Generation:**

A transformer-based model rewrites input text into humorous weather reports with tailored prompts.

- **Web-Based Rewriting:**

Automates the submission and retrieval of rewritten weather reports from an online GPT-based interface.

- **API-Based Rewriting:** Automates the submission and retrieval of JSONL weather reports from the GPT-API interface.
