Develop a Python pipeline to fetch, process, and report on 100 trending TikTok videos from your current location. The task involves downloading videos without watermarks, modifying them, and generating a summary report.

Steps:

1. **Fetch Trending TikTok Videos:**
    - Retrieve 100 trending TikTok videos for your specified location.
    - Ensure you are using an appropriate method to get the trending videos list (e.g., using an API or web scraping).
2. **Download Videos Without Watermarks:**
    - For each video URL obtained, download the video file ensuring no watermarks are present.
3. **Modify the Videos:**
    - Modify each downloaded video by:
        - Reducing the speed to 90%.
        - Reducing the resolution to 90%.
        - Replacing the audio track with the song "Never Gonna Give You Up" by Rick Astley.
4. **Generate a Report:**
    - Create a short report summarizing the actions performed.
    - The report should include:
        - Number of videos processed.
        - Time taken for the entire process.
        - Any issues encountered and how they were resolved.
    - Format the report in a readable manner, possibly as a PDF or Markdown file.

Deliverables:

- A Python script implementing the entire pipeline.
- The final report file summarizing the work done.