🎨 GitHub Contribution Painter

A Node.js script that automates creating a large number of Git commits with specific, randomized dates. This can be used to "paint" your GitHub contribution graph for demonstration or experimental purposes.

> [!WARNING]
> **Disclaimer**: This project is for educational and experimental purposes only. Manipulating your contribution graph does not reflect real work and may be misleading. Use this script responsibly.

✨ Features

- **Automated Commits**: Creates a specified number of commits automatically.
- **Date Backdating**: Assigns a random date within a defined range to each commit.
- **Customizable**: Easily configure the date range and the total number of commits.
- **Simple Setup**: Requires only Node.js and a few dependencies to get started.

⚙️ How It Works

The script executes the following steps in a loop:

1. **Generate a Random Date**: Picks a random date within the configured `startDate` and `endDate`.
2. **Write to File**: Appends the generated date to a `data.json` file to ensure each commit has a change.
3. **Stage and Commit**: Stages the `data.json` file and creates a commit, setting the commit date to the randomly generated date.
4. **Repeat**: Continues this process until the desired number of commits has been created.
5. **Push to Remote**: Pushes all the locally created commits to the remote GitHub repository.

📋 Prerequisites

- Node.js installed on your machine.
- A GitHub repository to which you have push access.

🚀 Getting Started

1. Set up your Git Repository

Clone the repository or ensure you are in an existing Git repository. Set the remote origin to your GitHub repository URL.

```
# For a new project, initialize git
git init

# Set the remote origin
git remote add origin <YOUR_REPOSITORY_URL>
```

2. Install Dependencies

Install the required npm packages.

```
npm install jsonfile moment simple-git random
```

3. Configure the Script (Optional)

Open the `index.js` file and adjust the
The script will start creating commits locally and will push them to your remote repository upon completion.