

## Markov Chain Development Log

### **Version 1.0.0**

#### Added:

- Weather data of January 2020 through April 2020 in Amherst, MA (Source: <https://weather.com>)
- Preliminary file reader for data input
- Functional Markov Chain for weather pattern prediction

#### Changed:

- Refactored Class structures

### **Version 2.0.0**

#### Added:

- Weather data of May 2019 through December 2019 in Amherst, MA for training model (Source: <https://weather.com>)
- Individual State class objects with methods to handle probability

#### Removed:

- All previous code because it's a dumpster fire

### **Version 2.1.0**

#### Added:

- MarkovChain class that initializes the State objects that with a data file on construction
- Method in MarkovChain class that generates weather forecast
- Runner class that prompts the user with a console program
- An additional String variable in individual State class for output