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WeatherEyesMain

class WeatherEyesMain:

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This class is designed to allow a user to store weather forecast data in a mongodb database every hour. Additionally, it allows a user to inquire into Historic weather data provided by weather.gov

WeatherEyesMain()

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def Update_Data(self):

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Calling this method will scrape data from the National Weather Service, AccuWeather, and Weather.com. This data will include a 10 day forecast from AccuWeather and Weather.com as well as a 7 day forecast from the National Weather Service. It will also pull a 24 forecast from each weather service. After scraping this data, this method will write the data into MongoDB. Within MongoDB this data will be sorted by weather service provider and type of forecast (hourly vs 10/7 day)

def Update_NWS(self):

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As the NWS web service occasionally results in a sporadic 500 error we have included a method that can update the data in the NWS service manually. This will only be necessary when prompted by the Update_Data method. Otherwise the Update_Data method will collect this data.