# Queens Building Dataset

Energy

Gas

Water

# Hugh Aston Building Dataset

Energy

Gas

Water

# Gateway House Building Dataset

Energy

Gas

Water

# Weather Dataset

This dataset was procured from [OpenWeatherMap](https://openweathermap.org/). This is a team of IT intellectuals that create pivotal products for businesses using climate data. For each point on the globe, OpenWeather provides hyperlocal minutely forecast, historical data, current state, and from short-term to annual forecasted weather data. All data is available via [industry-standard](https://openweathermap.org/api).

API with a cost of £7.50 and includes several parameters discussed below.

Description

* city\_name: City name
* lat: Geographical coordinates of the location (latitude)
* Lon: Geographical coordinates of the location (longitude)
* main
  + main\_temp: Temperature
  + main.temp\_min: Minimum temperature now. This is a deviation from the temperature that is possible for large cities and megalopolises geographically expanded (use this parameter optionally).
  + main.temp\_max: Maximum temperature now. This is a deviation from the temperature that is possible for large cities and megalopolises geographically expanded (use this parameter optionally).
  + main.feels\_like: This temperature parameter accounts for the human perception of weather
  + main.pressure: Atmospheric pressure (on the sea level), hPa
  + main.humidity: Humidity, %
  + main.dew\_point: Atmospheric temperature (varying according to pressure and humidity) below which water droplets begin to condense and dew can form. Units – default: kelvin
* wind
  + wind.speed: Wind speed. Units – default: meter/sec
  + wind.deg: Wind direction, degrees (meteorological)
  + wind.gust: Wind gust. Units – default: meter/sec
* clouds
  + clouds.all: Cloudiness, %
* rain
  + rain.1h Rain volume for the last hour, mm
  + rain.3h Rain volume for the last 3 hours, mm
* snow
  + snow.1h Snow volume for the last hour, mm (in liquid state)
  + snow.3h Snow volume for the last 3 hours, mm (in liquid state)
* weather (more info [Weather condition codes](https://openweathermap.org/weather-conditions))
  + weather\_id: Weather condition id
  + weather\_main: Group of weather parameters (Rain, Snow, Extreme, etc.)
  + weather\_description: Weather condition within the group
  + weather\_icon: Weather [icon id](https://openweathermap.org/history-bulk#list)
* visibility: Average visibility, meters. The maximum value of the visibility is 10km
* dt: Time of data calculation, Unix, UTC
* dt\_iso: Date and time in UTC format
* timezone: Shift in seconds from UTC