cities and population

<http://www.citymayors.com/gratis/uk_topcities.html>

weather stations

<https://mesonet.agron.iastate.edu/sites/networks.php?network=GB__ASOS>

weather forecast

<https://developer.accuweather.com/>

<https://developer.accuweather.com/accuweather-forecast-api/apis>

<https://openweathermap.org/>

<https://openweathermap.org/api/hourly-forecast>

<https://www.weatherbit.io/api/meta>

pip install pyweatherbit

github

<https://github.com/nicknobad/ForecastPowerDemand>

Wind Forecasting using Principal Component Analysis (PCA)

<http://empslocal.ex.ac.uk/people/staff/dbs202/cat/courses/MT37C/chapter10.pdf>