For my Capstone project, I decided to use three different data sets.

1. UKprice -- OFGEM -- UK Monthly Average Day Ahead Energy Prices from 1/2015 - 2/2018
2. UKtemp -- UK National Weather -- UK Mean Temperature from 1/2015 - 2/2018
3. UKmix -- OFGEM -- UK Average Energy Resource Mix from 1/2015 - 2/2018

I looked at all three datasets and determined the best dataset structure to include all three datasets for analysis.

I imported each data set separately and made a master dataset from UKtempl

I added columns from UKprice and UKmix.

The final dataset is as follows:

Month

Year

Quarter

Season

Price

AvgTemp

Coal

Oil

Gas

Nuclear

Hydro

Wind

Bio

PumpStorage

OtherResource

The final dataset is named UKenergy.