

## Nanook's Quantitative Modelling Task

- In the repository you will find two files, train.csv and test.csv
- They contain data related to domestic gas demand and weather in the UK.
- The task is to create a model to predict domestic gas demand ('demand' column).
- Train.csv contains the training data that you should use to train and refine a predictive model.
- Test.csv contains the features for a test set that you should use to make the forecast on which you will be evaluated.
- To do so you may use: (1) the features included in the file, (2) features engineered from this data and (3) any additional data or enrichment you can add.

### Submission:

- You should submit three things:
  - a csv file with two columns headed 'id' and 'demand'. The first should include the observation ids from the test.csv, the second should include your prediction of demand for those observations. Your file should include a row for each observation in test.csv.
  - A python or R script which generates those results.
  - A one sentence description of the type of model you use.
- After applying with your CV via TeamTailor then please email your submission to [submissions@nanookadvisors.com](mailto:submissions@nanookadvisors.com)
- On receipt we will compute error metrics on the test set and this, along with the code provided, will be used to evaluate your work.
- You may spend as much or as little time as you like on the problem, but we expect a good result could be produced in 90 minutes.