**72 hour forecast for renewable energy percentage prediction**
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Renewable energy availability is fluctuating significantly, especially in Germany. As part of an ongoing project, **accurate** renewable energy forecasts are required. The goal is to use a suitable predictive model (e.g. an LSTM (CycleLSTM)) and predict long-range forecasts for renewable energy percentage and carbon intensity. Optimisation objectives should be appropriate for the data, i.e. MAE may lead to very sub-par performance on this task as it averages over a long horizon.

**Project output:** A properly evaluated predictive model, which has low hardware requirements. Model needs to be deployed in a preexisting web-service.

**Requirements:**
- Python
- Pytorch/Tensorflow