

DMLAB - AI
Energy
Consumption
Forecast

dmlab



Electricity and gas traders need a fast and precise tool to forecast the customers' energy need for the next day



Challenges

Day by day forecast of the next days' energy needs that takes a lot of time and resources.

Forecasts must be precise to realize profit margins.
Overwhelming and time consuming work for highly trained professionals.



Ideal Solution

Inexpensive, fast and self-improving forecasts day by day

Saves money and time.
Learns by itself and never misses a change.



Desired Outcomes

A forecast made ready every morning.
"My colleagues have plenty of time to supervise the new forecast and also learn from it" CYEB Gas

Professional staff can focus on creative improvements.
Machine learning ensures a constantly improving quality.
Planned profit margins achieved day by day.



DMLAB AI Energy Consumption Forecast



AI for a fast and precise daily forecast of the customers' energy needs

Profit margins realized

AI precision

- Precise daily forecasts
- Quick results mean more time to make adjustments

Human resource efficiency

AI efficiency

- Reduces monotonous workload
- Professionals can focus on creative tasks

AI insured quality

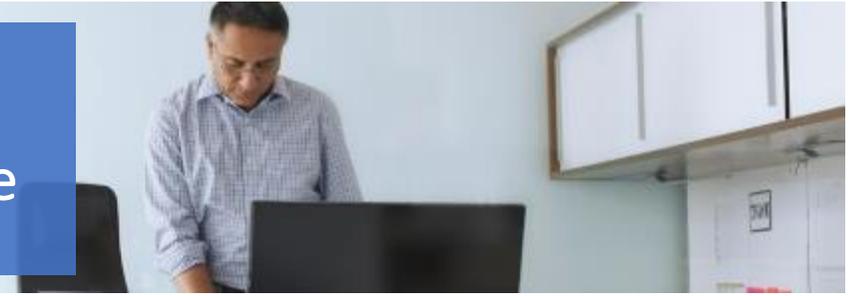
AI on Microsoft Azure

- Easy to use service on Azure
- Machine learning for constant quality improvement



“AI forecasting and our professional staff can work together very efficiently, it means better precision and lower costs.”

DMLAB AI Energy Consumption Forecast + Microsoft Azure Marketplace



**AI tool for a fast and precise daily forecast of the customers' energy needs.
Ensures profit margins, increases human efficiency, improves forecast quality.**

Solution Alignment

**Microsoft + Dmlab AI Forecast
Enhanced scalability**

Increased computing and storage
capacity



**Microsoft + Dmlab AI Forecast
Cloud protection**

Enhanced security for company data
Operational stability



**Microsoft + Dmlab AI Forecast
On demand use**

Solution as a service
Pay as you use



Customer Success Story



CYEB, a Central European gas and electricity supplier needed a fast - precise - reliable forecast every day to predict their customers' energy needs for the next two days. Dmlab's AI solution is based on all the customers' consumption data of the previous two years and the predictions are improving day by day since 2017.

Win Results

- **Next days' forecast is ready in minutes saving money and time.**
- **AI does not have bad days, make mistakes or forget small details.**
- **The cloud gives extra protection and reliability. Operational costs have lowered at the same time.**