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The BSUoS Forecast Service

An Elastacloud AI-Driven Solution

Microsoft Partner
Microsoft
Gold Cloud Platform
Gold Data Platform
Gold Data Analytics

What is the BSUoS Forecast Service?

A highly accurate Machine Learning based predictive data platform that provides its user with automated reports forecasting the upcoming BSUoS charge.

The Forecast uses Microsoft Azure Machine Learning Services and Data Science techniques to show you ahead of time what the charge will be…

when you need it!

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Why the BSUoS Forecast?

- All energy generators and suppliers must pay the BSUoS charge to the National Grid.
- Charged per MWh of electricity, produced or supplied, BSUoS fluctuates on half-hourly periods, ranging from average values of £2.50/MWh to as high as £45/MWh.
- Generating companies can generate up to 2000MWh in these periods, so could pay huge sums of money to the National Grid if they generate at the wrong time.
- Any party who has a view of the likely BSUoS charge ahead of time can make better decisions with regards their position on the market and optimise their generation portfolio, and gain competitive advantage.

This is where the BSUoS ML Forecasting Service comes in.

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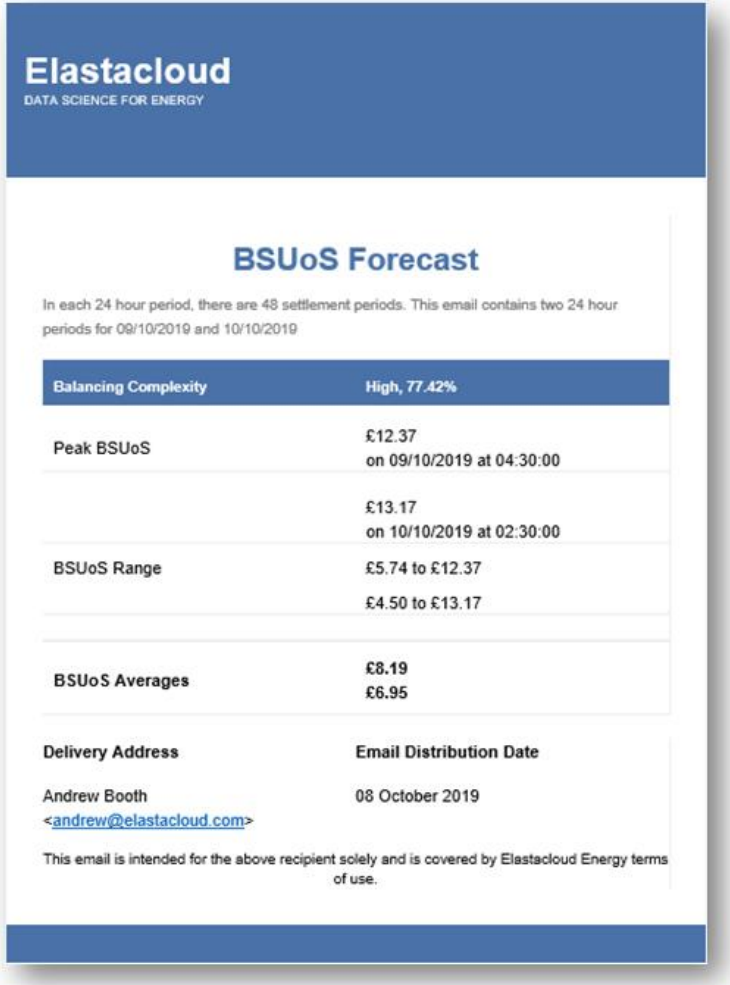
Powered by Azure Machine Learning Services and **fully automated** in Microsoft Azure, this service provides the user with **predictions of the BSUoS charge** allowing them to best position themselves in the market, for the upcoming periods.

The service is valuable to electricity generators and suppliers, but also to anyone involved in the trading of electricity.



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DATA SCIENCE FOR ENERGY

BSUoS Forecast

In each 24 hour period, there are 48 settlement periods. This email contains two 24 hour periods for 09/10/2019 and 10/10/2019

Balancing Complexity	High, 77.42%
Peak BSUoS	£12.37 on 09/10/2019 at 04:30:00
	£13.17 on 10/10/2019 at 02:30:00
BSUoS Range	£5.74 to £12.37
	£4.50 to £13.17
BSUoS Averages	£8.19 £6.95

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Andrew Booth <andrew@elastacloud.com>	08 October 2019

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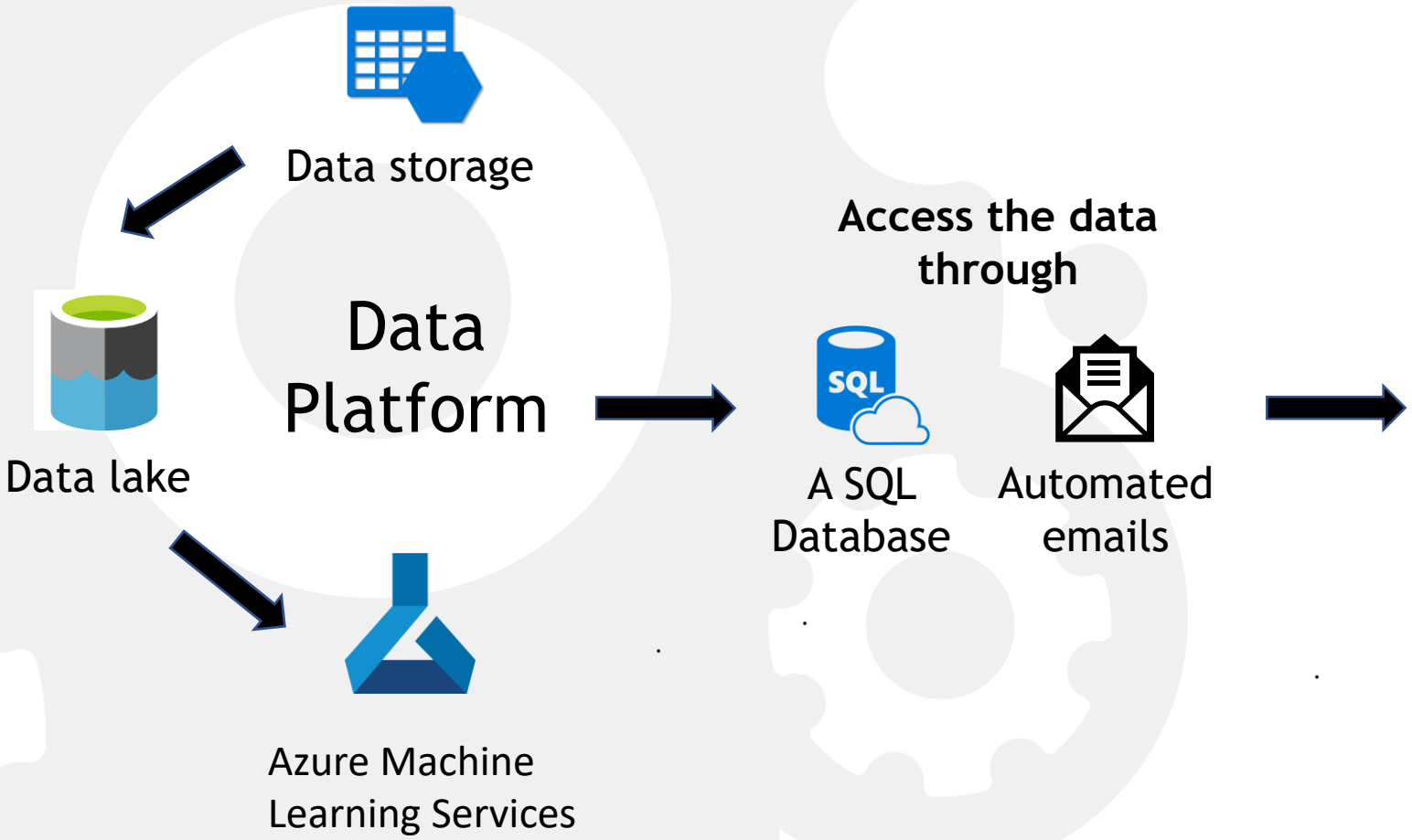
A Web-based Azure Data Platform



The BSUoS Forecast Service

A modern predictive data analytics service

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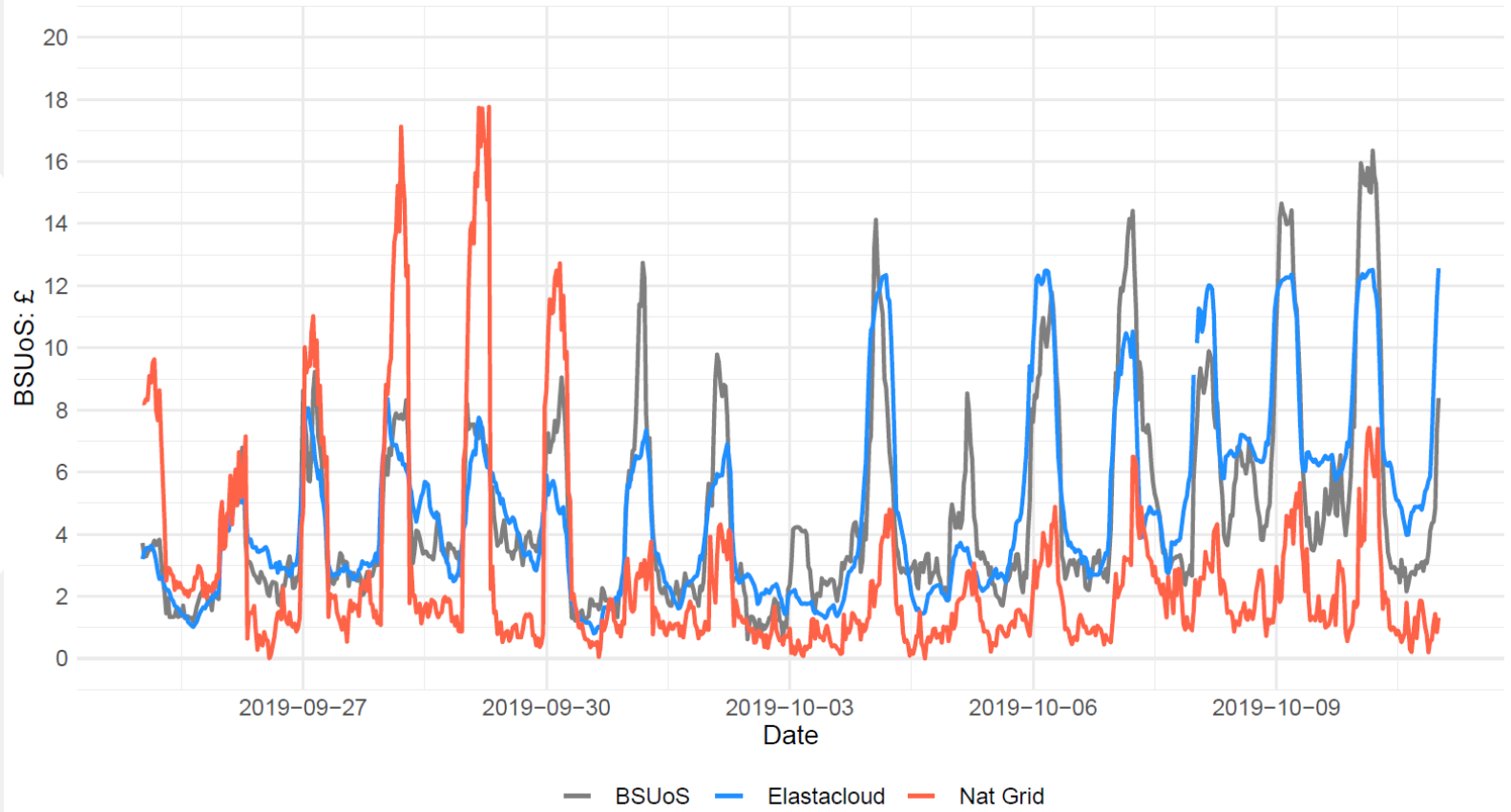
Accurate predictions at your fingertips

The BSUoS Forecast Service provides predictions of a higher accuracy than other industry standard models…



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Customer Benefits

Lessen the financial impact of a diversifying energy mix.

Optimise your generation portfolio

Save your **time** **money** and **energy** with automation

Gain **competitive advantage** in the market with predictive insights

Modernise your operations with highly accurate and intuitive reports.

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