Spotlight on: Unit overspend predictions

Liverpool University Hospitals NHS Foundation Trusts and Croydon Health Services chose Oceansblue's fully-serviced machine learning suite.

oceansblue
intelligent workforce compliance

Trusts team up with Oceansblue to deliver machine learning and predict unit overspend.

The service is ideal for those Trusts who wish to bring the power of Machine Learning to bear on contemporary workforce issues and may not have capacity in their internal BI teams.

Take control of rostering costs

Our mission is to disrupt inefficient rostering before it becomes a stressful and costly problem.

To achieve this, we've connected the output from our Machine Learning models to our flagship solution: Ward Guardian. This is a cutting-edge platform that continually monitors rostering performance and delivers actionable guidance using natural language.

Thanks to these capabilities, DDNs, e-rostering teams and unit managers can easily compare current and predicted costs with budgets, and take control of roster planning costs.

About Oceansblue

We offer artisanal data science services to NHS Trusts, helping them improve their digital maturity and optimise their workforce systems.

For over a decade, we've applied our deep-mining approach to converged NHS datasets, supporting Trusts in taking advantage of Machine Learning to solve their workforce-related challenges.

Machine Learning

Guidance

Unit Manager

The power of Leading Indicators

Some key metrics directly correlate with strong rostering performance: we call them Leading Indicators. And one of the most important Leading Indicators is Predicted Overspend – the extra spend expected compared to the budget when the roster has been worked.

The good news? Our models can accurately predict whether you will exceed your rostering budget – and by how much – unless action is taken.

This knowledge can help Trusts pinpoint focus areas for roster optimisation, before it's too late. Suggested improvements can then be computed and expressed in cost-saving terms.

This provides an excellent opportunity for Trusts to not only save money, but also learn new strategies to optimise their rostering practices.

Ranked predicted overspend

Evidenced value and learnings

Roster improvement interventions
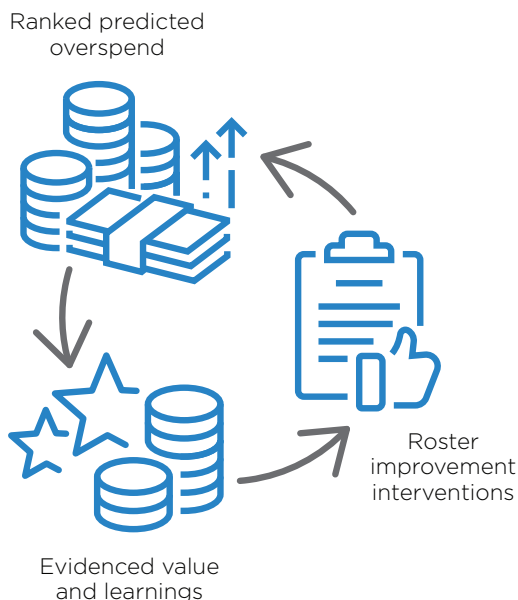
What does effective rostering look like?

- Increased bank fill

- Reduced reliance on external agencies

- Happier and more productive staff

- Improved regulatory compliance

- More shifts at planned staffing levels

The benefits:

- Reduced costs

- Improved retention

- NHSI Level of Attainment progress

- Better patient care

WARD GUARDIAN

RLDATIX ⒶALLOCATE

We're proud to be an Allocate partner, with a focus on Machine Learning. We work closely with their teams to seamlessly deliver a collaborative service.

We are an accredited and approved G-Cloud supplier, ensuring our pricing is transparent and our procurement processes are straight-forward.

Our work in the NHS:
www.oceansblue.co.uk/projects

Event page and demo registration:
www.oceansblue.co.uk/summit

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