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SITUATION

UBC's Faculty of Medicine needed a new resident forecasting system to accurately plan budgets for post-graduate resident training. Their Excel-based method was ineffective and confusing, leading to projection errors. The new system needed to forecast resident numbers up to five years in the future, model potential policy changes, plan multiple scenarios, and report on variances from previously modelled scenarios.

THE PLAID APPROACH

1

Strategic System Design

Collaborating with the Faculty's IT unit, Plaid designed a robust forecasting system built to handle multiple scenarios, model policy changes, variance analysis, and explanations of changes in a user-friendly format.

2

Data Schema and Forecasting Logic

Plaid led the creation of data schemas and forecasting logic, ensuring the system integrated existing tools like Tableau, Excel, and PowerBI, allowing flexibility in data analysis and reporting.

3

Collaborative Development

Working alongside UBC's development team, Plaid aligned the forecasting system's architecture with IT standards, to ensure it was functionally and technically sound.

THE SOLUTION

Plaid delivered a custom, scalable, and flexible resident forecasting system for the Faculty of Medicine, which provides accurate five-year forecasts, enables scenario planning, and allows for detailed variance analysis, supporting informed decision-making and securing future funding.

KEY TAKEAWAYS

1

Improved accurate forecasting enables UBC to plan more effectively and secure necessary funding.

2

Modelling various scenarios allows stakeholders to explore different outcomes and make data-driven decisions.

3

The platform-agnostic system ensures seamless integration with existing tools and enhances usability across departments.

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“Plaid helped Postgraduate Medical Education at UBC transition from a spreadsheet based workforce planning system to a dedicated forecasting system... It has transformed our operations and enables us to forecast much more accurately on the number of residents in each of our programs. This is of great benefit to our workforce and financial planning.”

Rob Brackenbury

Postgraduate Medical Education
Faculty of Medicine, University of
British Columbia

ABOUT THE COMPANY

Plaid Analytics empowers Strategic Enrolment Management with enrolment & tuition forecasting, automated data pipelines, and data governance to ensure your staff can access decision support data accurately and securely.

What we do is based on creating data insight, but how we do it begins with first understanding what you want to achieve, how you are currently working with your information, and the people behind the data. We then work to bridge the gaps with customized solutions specific to your needs, providing you with the tools and techniques you need to achieve your goals.

Discover Smarter Data Solutions – Contact Us
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