

Biometrics Data Visualization

Humans respond to visuals more quickly than they respond to any other form of data representation. Advancements in data visualizations techniques are the hottest and most appealing topics for most businesses. Our clinical development teams can quickly visualize and interact with enormous volumes of operational, clinical, and safety data in a single interface to support forward-looking decisions, rather than retrospective tracking of results.



Executive Summary

Our data visualization allows for faster data review, ongoing quality assessments, and process improvements for the duration of the trial/program. Our capabilities include:

- Integration with leading clinical development systems
- Superior clinical data monitoring and review
- Easily performed safety and pharmacovigilance analysis
- Efficient clinical operations and resource management
- Clinical trial supplies

Benefits

Social Media - integration into its landscape will engage an increasing number of followers

Access Data More Easily - data democratization, allow all users to gain access/share and extract data

Be a Data Journalist - summarizing data allows you to provide data in a easily understandable form

Key Features

- Data visualizations via TIBCO Spotfire application
- Complex Visualization Dashboard Development
- Delivery and stability of data sources
- Master data management (MDM)
- Delivery of ad-hoc data requests across business

It's an exciting time for data analytics and data science in terms of the expansion of use and developments in technologies and techniques. The COVID-19 pandemic accelerated this trend. With the need for remote access to data alongside understanding of how patients, sites have been impacted globally throughout this pandemic.



Software: Spotfire®

TIBCO Spotfire® is the most complete analytics solution in the market. It's fast and easy to use for visualizing new discoveries in data. Using search and recommendations powered by a built-in artificial intelligence engine, anyone can explore data and share insights. Whether creating simple dashboard metrics, predictive applications, or dynamic real-time analytics applications, Spotfire delivers numerous capabilities at-scale, including visual analytics, data wrangling, predictive analytics, location analytics, and streaming analytics.



This is an example of how powerful data visualizations can be - amazing interactive page: <https://coronavirus.jhu.edu/map.html>

Commitment to Patients

Our data visualizations ensure that medical monitors have speedy access to clear, concise study data and ensure patient safety. These visualizations displayed trends on the impact of COVID-19, allowing staff to more effectively prepare for reduction in patient-visits during initial stages, and subsequently better manage the increased data as regional or country-wide lockdowns eased at different times. We aim to minimize disruption to patients, especially where access to the investigational product is critical. Ultimately, better visibility and understanding of the data available allows us to our focus on improving patients' lives.

Next Steps

New technologies present more opportunities for growth and professional development. Imagine the benefits of this type of technology within your team.

- Interested in the capabilities of this team?
- Interested in the software?

For additional information, please contact CourageTom@prahealthsciences.com or MansfieldTom@prahealthsciences.com.

Expertise and Experience

Analytics Skillsets

- Expertise and experience in high calibre candidate identification based on multiple diverse technical skillset requirements, including: visualization programming expertise, specific programming language expertise (ie, R, Python, SQL), data warehousing, MDM experience
- Expertise held within management team & PRA Talent Acquisition

Spotfire Training

- Relationship and vendor agreement in place with Spotfire training vendor
- Self-sufficiency with ongoing Spotfire training within UK Analytics team

Graduate & Industry Switch Onboarding

- Well-established, comprehensive graduate and industry switch onboarding training plan, including classroom and virtual training modules

Functional Management of Analytics Team

- Agile & Kanban based resourcing, task assignment, and daily stand-up meetings