

## Leveraging Technology to Deliver the Highest Quality Data

YPrime's data scientists are critical thinkers and key strategists who have a passion for helping clients optimize eCOA and IRT technology to drive better outcomes for clinical trials. They act as intermediaries to help interpret study needs for our software developers to maximize the potential of technology for our clients. The Data Science team works closely with clients to customize their study-specific data collection, transfer, integration, analysis, and reporting needs.

The Data Science team's deep knowledge of the entire clinical trial process, data standards, questionnaire library, and submission requirements enable clients to:

- Maximize the potential of technology to ensure the highest quality data
- Ensure data integrity and timely data transfer
- Gain efficiencies through collaboration with data management and analytics
- Streamline the creation of SDTM datasets and other regulatory documents for efficient regulatory review
- Receive 'best practices' randomization services with in-house statistician's expert consultation for optimum randomization schemes

### Solutions Offered by the Data Science Team

#### Data Standards

- Implementation and hands-on guidance
- Regulatory-ready submission deliverables
- Our experts contribute to CPath, SCDM, CDISC, PHUSE

#### Statistical Consulting

- Strategic advice and expert IRT support for statistical deliverables
- Protect statistical integrity for accurate trial design and analysis
- Provide 'best practices' randomization services and avoids a 'one-size-fits-all' solution

#### Data Monitoring

- Advanced analytics and targeted manual review
- Ensure data integrity
- Address current compliance risks and reduce future risks

#### Clinical Data Management

- Paper entry tool to help minimize errors during manual data entry
- Automated tool and manual data correction service to ensure quick and accurate data corrections

#### eClinical Consulting

- Use the power of your own data to make informed decisions
- Our consultants work closely with you to create customized, actionable, and sustainable solutions that meet business needs

#### Data Aggregation and Reporting

- Solutions to help you meet regulatory and compliance requirements
- Enabling the right people to make informed decisions with the right data, at the right time

#### Expert Review Process

- Minimize pain during study execution and gain insights for informed decision making
- Our experts provide a holistic review of your clinical trial data to avoid data issues downstream and minimize anomalies