

ENHANCING THE CLINICAL SITE PERFORMANCE FOR EDWARDS LIFE SCIENCES (ELS)

Edwards Lifesciences (ELS) stands as a global trailblazer in patient-centered medical innovations, specializing in transformative solutions for structural heart disease, critical care, and surgical monitoring. Driven by a steadfast commitment to improving patient outcomes, ELS collaborates with top clinicians and researchers worldwide, pushing boundaries to address unmet healthcare needs.

In a bid to comprehensively optimize performance across 82 clinical sites, ELS faced the daunting challenge of mitigating risks and reducing adverse events in clinical trials. For that, they sought the expertise of our business intelligence consulting firm.



Data Sources Verified:
April 2021 – December 2021

Client:
Edwards Life Sciences

Industry:
Healthcare

Challenges Faced

Edward Life Sciences aimed to:

- Comprehensively optimize performance across 82 clinical sites.
- Mitigate risks and reducing adverse events in clinical trials.
- Maintain a comprehensive overview of each site's performance.

Objectives Set

Optimizing Monitoring and Management Metrics

- Understanding and elevating performance metrics across diverse sites and studies.

Streamlining Clinical Affairs

- Automating manual reports and providing a user-friendly analytics PowerBI dashboard for the Clinical Affairs team through data visualization consulting.

Improving Site Selection and Contract Negotiation

- Leveraging data for informed site selection and efficient contract monitoring and negotiations.

Enhancing Enrollment Metrics

- Identifying high enrollment rates and mitigating risks at high-risk sites across studies.

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connect@sparkintelgroup.com



To tackle these objectives, our approach to data analysis in their business and leveraging our business intelligence solutions was both comprehensive and data-driven:

- **Data Audit and Analytics :** Conducting meticulous data audits and applying advanced data analytics in business to amplify site performance metrics.
- **Dashboard Design:** Crafting intuitive PowerBI dashboards for real-time monitoring and management, enhancing visibility and swift decision-making.
- **Strategic Consulting:** Providing expert business intelligence consulting solutions to align ELS's strategies with operational goals.
- **Training and Support:** Offering extensive training to ensure ELS's team maximized the benefits of the new systems.

Achievements Unlocked

Our partnership with Edwards Life Sciences (ELS) led to remarkable improvements including:

- **Enhanced Site Performance Monitoring:** Achieved a staggering **40% increase in efficiency** in monitoring and managing site performance across 82 clinical sites.
- **Reduced Clinical Trial Risks:** A significant **25% decrease** in reported incidents of adverse events.
- **Increased Reporting Efficiency:** Automated processes led to a whopping **50% reduction in time spent on manual reports**, including Protocol Deviations and Adverse Events.
- **Improved Decision-Making:** Introduction of advanced analytics resulted in a **swift 35% faster decision-making process** in clinical affairs.
- **Optimized Site Selection and Negotiations:** Data-driven approaches **enhanced site selection efficiency by 30%** and **slashed contract negotiation times by 20%**.
- **Enhanced Enrollment Metrics:** Marked improvement with a **15% increase in enrollment efficiency** across studies.

Conclusion

Our partnership with Edwards Life Sciences demonstrates the transformative power of strategic data management and data analysis in business, particularly in the healthcare industry. By providing tailored business intelligence solutions, PowerBI dashboard design services, and strategic data visualization consulting, we empowered ELS to achieve their goals in clinical trial management and patient care.

The success of this project not only streamlined their processes but also set a new standard for data-driven decision-making in the healthcare sector. Let us do the same for your business with our business intelligence consulting services.

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