

TechM Analytics Services

Empowering Life Sciences
with Decision Intelligence



Abstract

As a sector, healthcare and life sciences is a unique one. Every aspect of the industry is highly regulated and needs to be continuously monitored. The life science industry is witnessing a transformation shift driven by integration of advanced analytics services. Leveraging big data analytics, artificial intelligence and machine learning (AI / ML), these services are revolutionizing various facets of the life sciences sector and helping businesses make informed decisions. To serve healthcare practitioners and patients better, life sciences and medical devices companies need specialized analytics services. TechM brings an end-to-end solution suite for comprehensive analytics services, ensuring rigorous monitoring and reporting of data.

Introduction

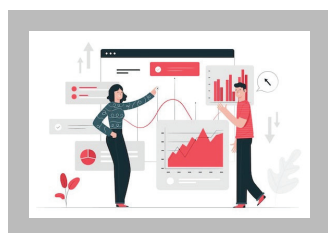
TechM has strong experience in clinical, regulatory and safety services to manufacturing, supply chain and commercial operations and we take pride in delivering exceptional results in life sciences consulting, operations, and transformation. With a focus on new age technologies like GenAI, design thinking and hyper-personalization, we deliver impactful results and offer a comprehensive solution. Our expertise and solutions help organizations improve their operations, reduce costs and streamline their functions.



Our Solution

Next Gen Analytics Framework

TechM has vast experience in analytics and reporting for global clients. Our service offerings span across the value chain from research and development to commercialization and patient care. Our resolute team of experts deliver a range of services including AI/ML augmented data quality, robust master data management, scalable business intelligence framework and architecture, a unified enterprise data platform with insightful and interactive reports and visualization encompassed with predictive and prescriptive analysis. Our service offerings deliver enhanced user experience through powerful visualization and better business outcomes delivered through decision intelligence.



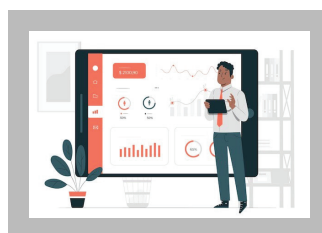
Predictive analytics

Revenue forecasting for pharmaceuticals



Descriptive analytics

Dashboards for medical practitioners
Rating of pharmaceutical



Prescriptive analytics

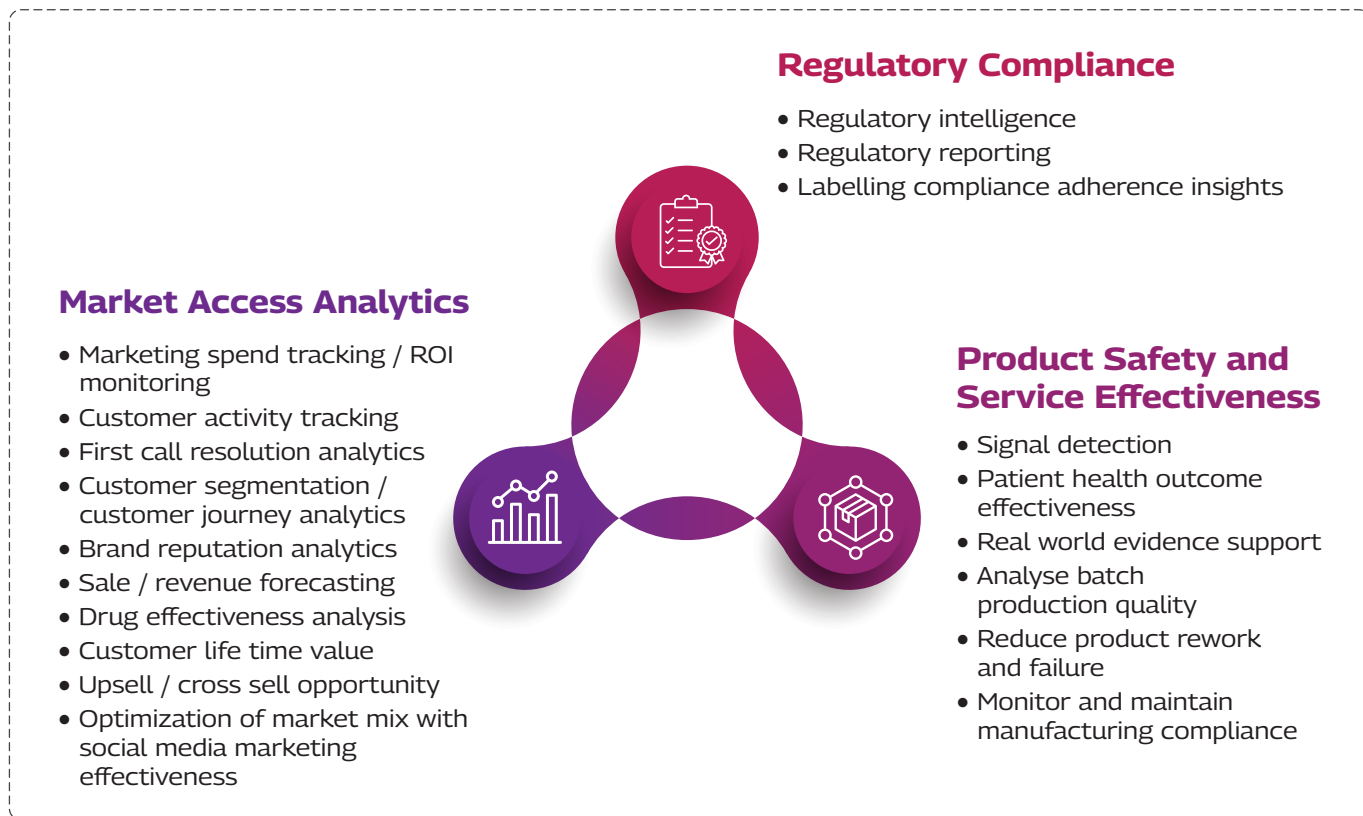
Developing insights for drug development
Re-evaluating medical procedures and approach



Reporting

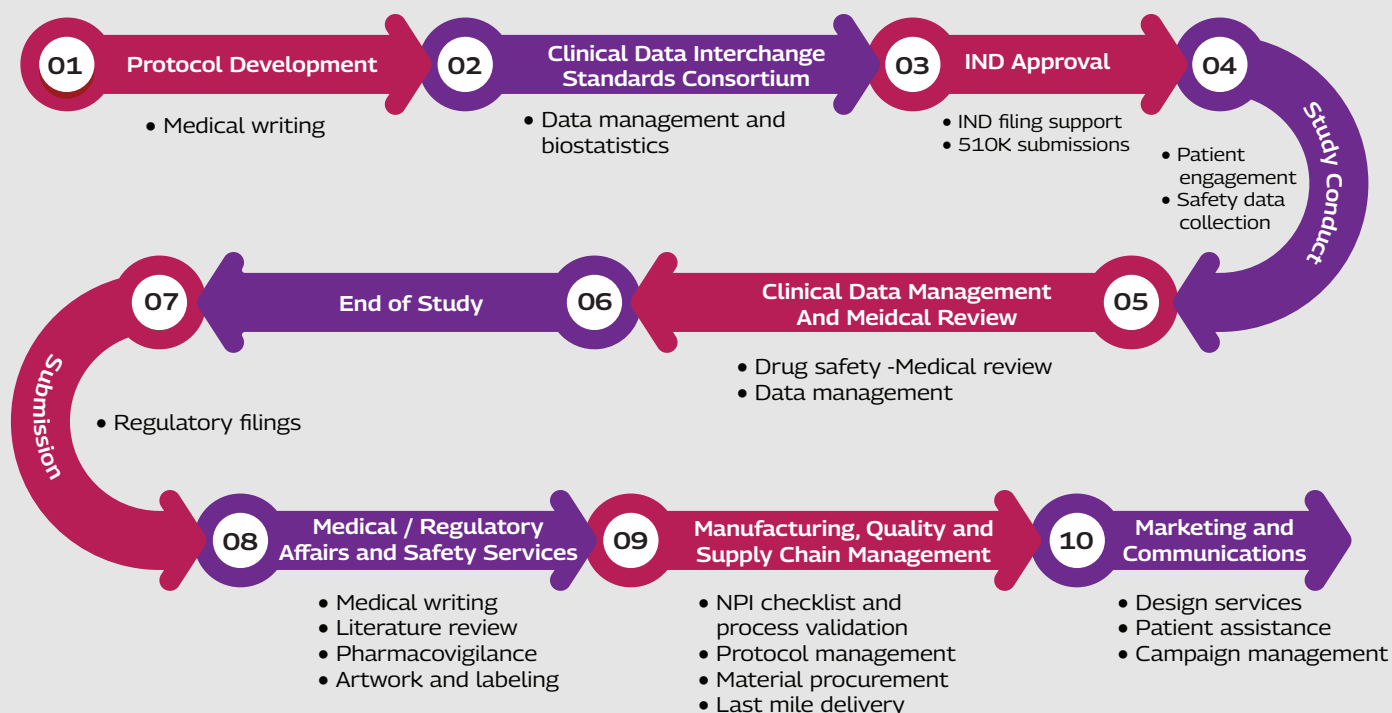
Drug effectiveness reporting
Patient health outcomes reporting

End-to-end Analytics Offerings in Life Sciences



Comprehensive Services for Lifesciences

Our life sciences value chain encompasses the journey of products and services from research and development to commercialization and patient care.



Benefits

Data Services for a Global Leader in Health Technology

- A global leader in health technology faced challenges with data services, data validation and quality check (QC) failures
- We provided data services at L1, L2 and L3 and built an infrastructure to monitor and report BRE, QC failures to SME's
- We delivered 30% optimization in AHT and automated over 15 dashboards and SOP creation process



Cleansing, Data Quality and Processing Of Enterprise Data for British Pharma and Biotechnology Company

- A British pharmaceutical and biotechnology company encountered challenges with unstandardized processes, siloed tools, and missing data across its portfolio.
- TechM established a master data management center of excellence (MDM CoE) for process re-engineering and intelligent process automation.
- As a result, there was a cumulative productivity improvement of approximately 23% over three years and a notable 30% reduction in rework and cycle time.

The NXT.NOW™ Advantage

- TechM is serving global life sciences organizations from past 20+ years
- We have catered 120+ leading life sciences clients of various strengths
- TechM has 15+ in-house analytics solutions across the Pharma value chain
- We have more than 10 life sciences operations sites globally to support global requirements

Contact us today to learn more about Tech Mahindra's next gen analytics, pharmacovigilance and lifesciences services on

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