CYIENT

PREDICTIVE ANALYTICS – DELIVERING ON THE PROMISE OF DATA SCIENCE

Cyient helps businesses transform their data into actionable insights with speed and flexibility. Using a combination of predictive analytics, data visualization and machine learning, we enable improvements in service levels, reduction of downtime risks and deployment of better maintenance strategies.

Does Your Business Need Predictive Analytics?

While many organizations are getting better at collecting and managing their Big Data, understanding how to effectively harness this data to improve business operations and customer experiences is still a challenge. The truth is that the majority of enterprises are focused on maintaining their operations and lack the time, talent and support to realize the true value of all the data they have.

Data is, in fact, a priceless strategic asset embodying the organization's cumulative experience. Every industrial procedure, defect in a manufacturing process, customer's decision to buy or not buy, successful or unsuccessful sales call, industry-related event, and even social media post can be encoded as data and stored for future reference. When processed from its raw form and appropriately organized, this enterprise data offers useful insights into customer behavior, intent and actions. And a business can never have too many insights. The more useable information a business uncovers, the better decisions it makes.

With predictive analytics, disparate enterprise data can be used to derive predictive models for optimized business performance. This systematized data has the capability to guide decision-making as organizations attempt to attract and retain customers, improve customer experiences, and maximize revenue earnings. It also aids in the early identification of potential issues so that maintenance and repair services can be deployed to minimize or prevent equipment downtime.

As Big Data and IoT collide, predictive analytics will be a core enterprise practice essential to sustaining a competitive advantage. In fact, deploying data-driven management across various fronts can directly impact your business growth.

Advanced analytics enables your organization to optimize operations, effectively manage risks, and become future-ready with consideration for a variety of industry developments.
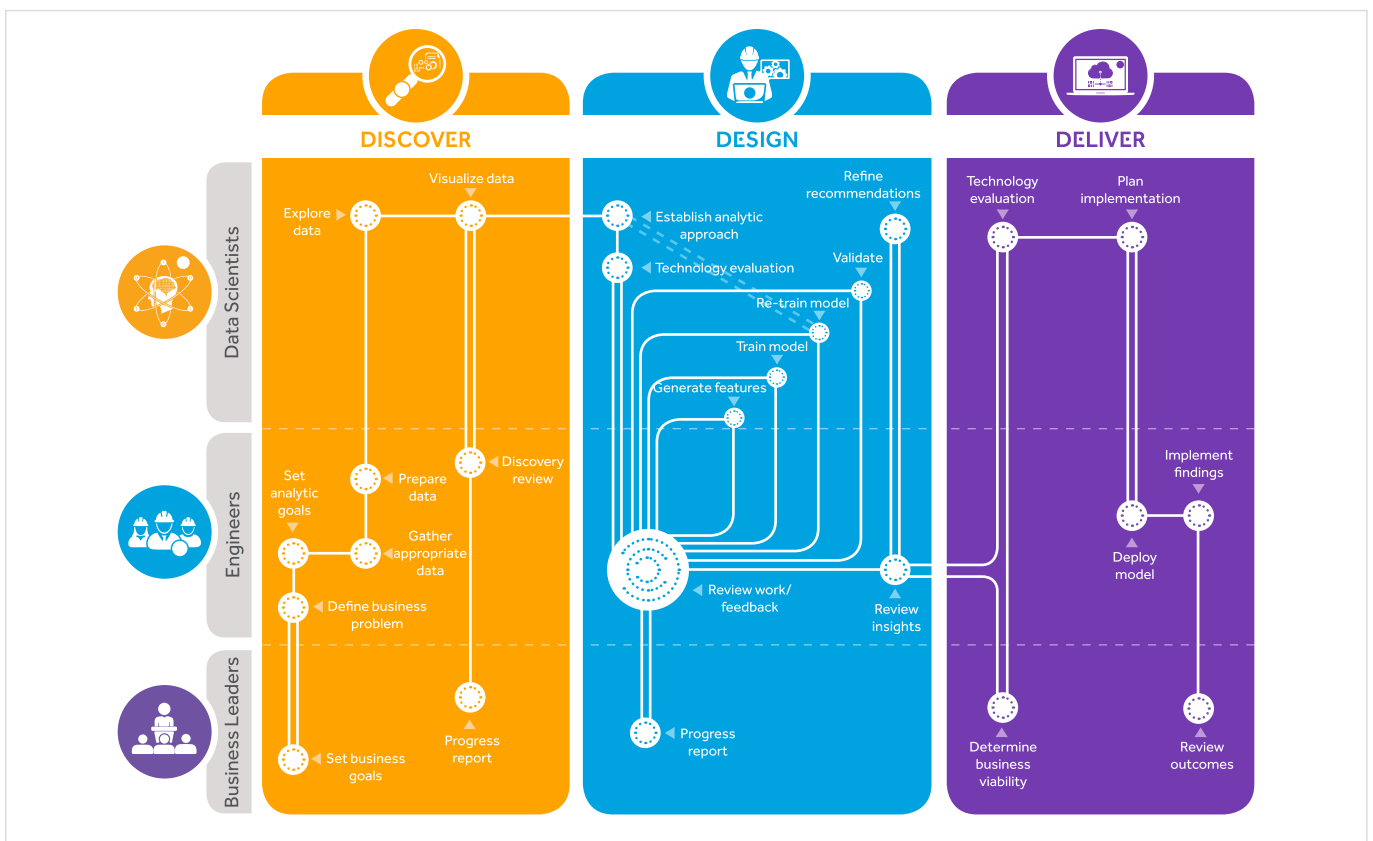

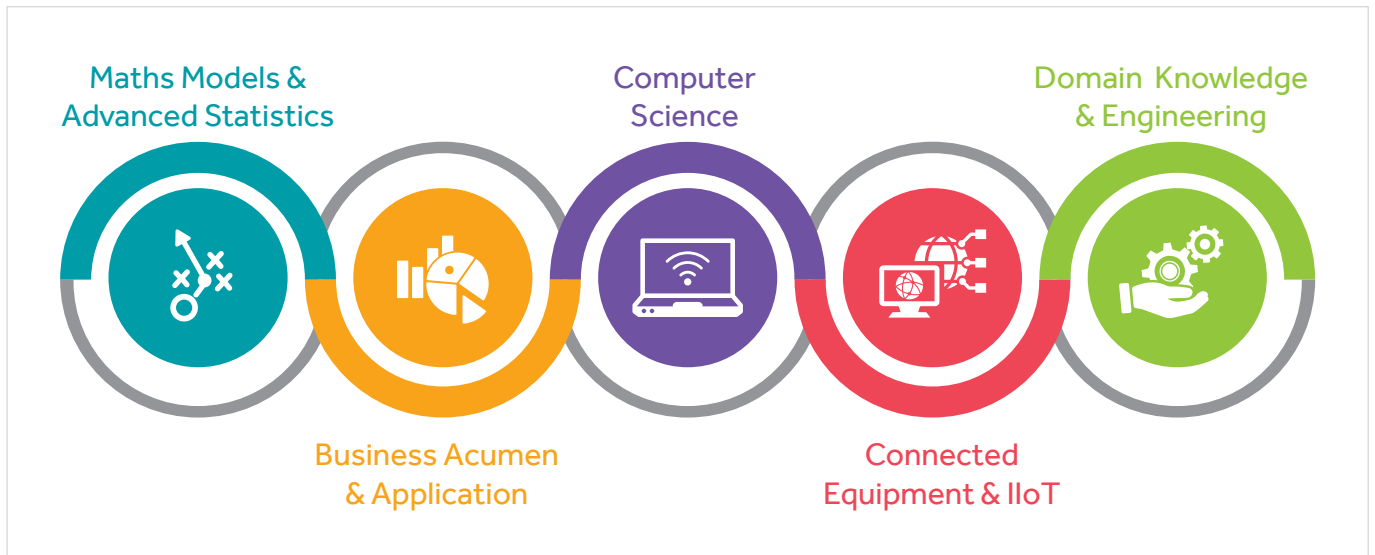Fig. 1 | Workflow of predictive analytics process at Cyient

Fig. 2 | Our data science competencies

Cyient's Approach to Predictive Analytics

Whether your organization is just starting out with predictive analytics or has been using it for years, Cyient's advanced analytics solution can help take your insights-driven decision-making to the next level.

Our technology stack and iterative analytics approach enable a wide range of value propositions. Building on what we learn from your data, as well as the information therein, we can assist you by continually determining newer improvement opportunities for your organization.

Cyient's predictive analytics solution can be customized for your business and seamlessly integrated with your business workflows. We have enabled our clients across verticals to:

- Analyze their data, yielding results that can be acted upon expediently
- Uncover timely insights with quantifiable business impact
- Capitalize on analytical data to improve decision-making and attain a competitive stronghold in the market
- Observe and evaluate predictions on a continuous basis to validate new business policies
- Improve asset availability and utilization

Our Capabilities Across Industries

Cyient believes that the most efficient business strategies depend upon comprehensive industry and market knowledge. With our expertise in advanced analytics and location intelligence services, we help you visualize and act upon your enterprise and customer data like never before.

Why Choose Cyient for Your Predictive Analytics Solutions?

Cyient's predictive analytics solutions are helping companies in a wide array of industries to improve their performance with actionable business intelligence. Our analytics models use multiple selection algorithms, best-practices and cross-validation methods to break through the clutter in data. These models also help to identify significant variables, and deliver accurate predictions for more informed business actions.

We help you visualize your market, target key areas for growth, identify risks, and set business goals with the insight necessary to grow your organization seamlessly. Even if you already adhere to this methodology, the wide range of value propositions enabled by our customized advanced analytics solutions can always provide more specialized data insights and newer, more efficient ways to deploy it.

About Cyient

Cyient (Estd: 1991, NSE: CYIENT) provides engineering, manufacturing, geospatial, network, and operations management services to global industry leaders. We leverage the power of digital technology and advanced analytics capabilities, along with domain knowledge and technical expertise, to solve complex business problems. As a Design, Build, and Maintain partner, we take solution ownership across the value chain to help our clients focus on their core, innovate, and stay ahead of the curve.

Relationships lie at the heart of how we work. With nearly 14,000 employees in 21 countries, we partner with clients to operate as part of their extended team, in ways that best suit their organization's culture and requirements. Our industry focus spans aerospace and defense, medical, telecommunications, rail transportation, semiconductor, utilities, industrial, energy, and natural resources.

For more information, please visit www.cyient.com

Contact Us

North America Headquarters
Cyient, Inc.
99 East River Drive
5th Floor
East Hartford, CT 06108
USA
T: +1 860 528 5430
F: +1 860 528 5873

Europe, Middle East, and Africa Headquarters
Cyient Europe Ltd.
High Holborn House
52-54 High Holborn
London WC1V 6RL
UK
T: +44 20 7404 0640
F: +44 20 7404 0664

Asia Pacific Headquarters
Cyient Limited
Level 1, 350 Collins Street
Melbourne, Victoria, 3000
Australia
T: +61 3 8605 4815
F: +61 3 8601 1180

Global Headquarters
Cyient Limited
Plot No. 11
Software Units Layout
Infocity, Madhapur
Hyderabad - 500081
India
T: +91 40 6764 1000
F: +91 40 2311 0352

UNG_BR_PAD_DS_0118