

Key BI Trends in 2020

What's next for Data & Analytics?

2019 saw the modern analytics and business intelligence (BI) landscape rapidly grow with new innovations. Organizations continue to leverage BI as a decision making tool to solve their business problems and improve operations. However, as Artificial Intelligence (AI) and Machine Learning (ML) technologies continue to evolve, enterprises will increasingly adopt 'intelligent' BI platforms with easy-to-use tools that support the full analytic workflow — from data preparation and ingestion to visual exploration and insight generation. Gartner says, "By 2021, the number of users of modern BI and analytics platforms that are differentiated by smart data discovery capabilities will grow at twice the rate of those that are not, and will deliver twice the business value."

We live in a data-rich world that requires a new approach to enterprise business intelligence. Gartner confirms, "Data and analytics leaders face a complex challenge to keep up with the market's rapid pace of change, determine where to invest in order to stay innovative and, at the same time, maintain current deployments."

It's important that businesses have a single source of truth to make critical decisions that reduce risk, fuel innovation, and ensure a competitive edge. Enterprises need to identify an integrated technology platform that can make their business data-driven, empowering people to make smarter and informed decisions.



The search ends here...

2020 Trend

#1 Augmented Analytics will be everywhere

What does it mean to combine advanced analytics and business critical data? Well, that means automating findings and generating valuable insights to optimize enterprise decision making. Augmented Analytics marks the next wave of disruption in the data and analytics market.

Augmented analytics requires a platform that is designed to address the specific needs of analytics and not just dashboards. Gartner predicts that Augmented Analytics will be a dominant driver of new purchases of analytics and BI as well as data science, machine learning platforms, and embedded analytics.

Be on top of your data to scale up your business decisions



Lumenore's "**Do you know**" feature empowers your team to identify the hidden patterns (i.e. data discovery) within the data and generate insights in natural language based on your user preferences. All you need to do is log on and Lumenore does the rest! View insights relevant to your role and preferences. Do You Know? Now you do!

A new, perceptive approach



Lumenore as a platform provides the capability to process structured and semi- or unstructured data such as ERP/Accounting system, social media, emails, and others. With Lumenore’s **“AskMe”** Natural Language Query (NLQ) feature, companies are able to quickly locate their data thanks to an unparalleled language-based, Google-like search engine. Lumenore understands natural language and is able to search for business insights. Do you have a question? Ask Me!

2020 Trend

#2 NLP is THE new interface

Companies are using a combination of internal and external data to enhance their business strategies and ultimately drawing in more and more customers. Natural Language Processing (NLP) technology is increasing in popularity across industries –from human language understanding and enabling automated data search and verification, to machine translation and content generation.

According to Gartner, 50 percent of analytical queries will soon be generated via search, natural language processing (NLP) or voice, or automatic generation.

It therefore becomes imperative for companies to avoid delays, backlogs, or long waiting times due to basic business functions such as search capabilities.

2020 Trend

#3 Greater Adoption of AI

Businesses are evolving from static, passive reports to proactive analytics with live dashboards and instant alerts based on insights. This helps businesses see what is happening at every second and allows them to quickly take corrective measures.

Driven by AI, Lumenore converts raw data into meaningful insights. The platform also understands and applies data cleansing, association, aggregation, transformation and normalization. It segregates the key attributes, and utilizes metrics to generate your KPIs.

Have an access to a data solution that goes beyond charts and graphs



Lumenore not only builds automated interactive dashboards, but also identifies hidden insights, show outliers, correlations and trends from the data. Such a complex implementation of AI is generalized in Lumenore for user preferences.

The power of 'data' at your finger tips



Using an integrated platform with 'smart features' helps businesses to understand data like never before. Backed with Artificial Intelligence and Machine Learning technologies, these features help users understand trends and derive insights-enabling business to make tactical and strategic decisions.

2020 Trend

#4 Smart Predictions to rule the game

Integrated BI platforms will be a catalyst in making sales strategies and businesses successful. Organizations will use these platforms to sift through current and historical data to detect trends and forecast events and conditions that occur at a specific time, based on supplied parameters. This trend will be watched closely by CTOs and organizations because it simplifies the next best action to take. With smart predictions in BI, CTOs will no longer have to spend their time sifting through endless data searching for trends. Instead, they will be empowered to contribute strategically and tactically in the management process.

2020 Trend

#5 Self Service BI will drive business outcomes

Gartner says, 80% of all business intelligence solutions will soon be self-service. The feature comes with an advantage of giving the end users the independence to review, analyze and modify the data with flexibility and agility. Individuals and teams no longer have to wait for the IT department to supply them with reports, as even non-specialists can dig deep into the data and perform effective analysis. You no longer need to invest in data science and statistical talent. Self-service BI is the most cost-effective solution across industries.

A user friendly self-service



Opting for self-service as part of an integrated analytic solution enables quicker adoption among teams. Designing and customizing dashboards becomes easy with drag and drop features. Pulling up relevant and customized reports is no longer complicated. Lumenore is also equipped with data governance processes that allows administrators to set authentication levels for users of the self-service feature. Self-service, simplified!

Take it to the next level with Lumenore

The International Data Corporation predicts that this year we will see “40% of digital transformation initiatives being supported by cognitive/AI capabilities, providing timely critical insights for new operating and monetization models.” User driven analytics is becoming a mandate for modern businesses. The future of BI includes an increase in features that enable ease of use, streamlined workflows, and predictive abilities. Lumenore complements human intelligence with the power of technology. It declutters and simplifies inputs at high speed – making it the right platform to proactively capitalize on 2020’s top business intelligence trends.



Get Started with Lumenore

Lumenore is a suite of advanced products focused on performance management and is designed specifically for B2C companies. Leveraging Artificial Intelligence, Business Intelligence, and Robotic Processor Automation, Lumenore utilizes a common dataset to feed a powerful platform and visualize, analyze, actionize, and monetize business operations.

Today, Lumenore helps enterprises generate business intelligence from unstructured data that is scattered across the enterprise, yet valuable for creating strategies.

Simplify decision-making in 2020 with Lumenore