

# **Data Visualization Tools Market: Segmented By Organization Department (Executive Management, Marketing, Operations), By Tool (Standalone and Integrated): By Deployment Mode (On-premise, Cloud/On-demand): End User (BFSI, IT and Telecommunication, Healthcare and Life Sciences, Education and Others): Global Analysis by Market size, share & trends for 2020-2021 and forecasts to 2031**

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## **Abstracts**

[179+ Pages Research Report] Data Visualization Tools Market to surpass USD 14.18 billion by 2031 from USD 5.84 billion in 2021 at a CAGR of 9.26% within the coming years, i.e., 2021-31.

### Product overview

Data visualization can be defined as a collection of a wide range of business applications. The idea of visualizing data is broadly applied in a variation of technologies & terms like scorecards, dashboards, infographics, business intelligence, analytics, and big data. It benefits businesses to gain a related report from an ever-growing, varied and huge amount of business data.

### Market Highlights

Data Visualization Tools Market is predicted to project a notable CAGR of 9.26% in 2031

Growth in big data, multi-device contact to visualization, customized reports for specific

roles, ongoing training for business users, and continually changing optimizing dashboards are estimated to drive the market. Many other factors such as the rising demand for an interactive opinion of data for quicker business verdicts and growing developments in Augmented Reality and Virtual Reality to allow the communication of enterprises with data in 3D formats are predictable to boost the demand for data visualization tools.

#### Data Visualization Tools Market: Segments

Healthcare and Life Sciences segment to grow with the highest CAGR during 2021-2031

Based on End-user, the market is segmented into BFSI, IT and Telecommunication, Healthcare and Life Sciences, Education, and Others. Healthcare and Life Sciences segment holds the highest market share of Data Visualization Tools Market. To gain contact to unstructured information such as production from medical devices, image details, and lab reports is not valuable to improve patient health. Healthcare providers are accepting data visualization tools that benefit them to collect real-time data visuals to improve patient health.

Cloud Segment to grow with the highest CAGR during 2021-2031

Based on Deployment, the market is segmented into On-premise and Cloud Deployment. The cloud deployment mode segment is predictable to grow at the highest CAGR during the forecast period. This growth is qualified owing to easy deployment and minimal capital obligation advantage of cloud technology facilitating the adoption of the cloud deployment model. The adoption of cloud technology is anticipated to be supported by the COVID-19 pandemic, as social distancing practices are cheering companies to move to cloud deployment that can be managed remotely.

#### Data Visualization Tools Market: Market Dynamics Drivers

Growing demand for an interactive view of information

Several enterprises are implementing a simplified method that involves classifying, assembling, keeping, and sharing a large amount of information. Data visualization tools are applied for having a swift and basic business decision-making method. The data should be provided with an ordinary visualization ability, which is used to classify customer penchants and propensities, extract strategic insights, and aid to uphold a

balance between the demand and supply of new and existing goods. Data visualization tools in the cloud allow enterprises to have a cost-effective and scalable way for data study. The data visualization capability assists companies to classify business drivers and Key Performance Indicators.

Growing demand generate interactive dashboards

Organizations devote a lot in data collection to effectively use it. For example, banks pay attention to how online clients landed on the applications page, which would help to find actions on how to attract clients. The application of vacant data can aid organizations to gain treasured visions and boost their business. Data visualization tools come up with resolutions to use all unused information. Thus, the growing need for producing visions from unused data is likely to create an opportunity for the progress of the Data Visualization Tools Market.

Restraints

Difference in data formats

There is always disparity in data, whether the data measures something as simple as the daily humidity or as complex as the success of a surgical method. As data has spread throughout society, one of the elements that have become obvious is that there is a huge difference in the levels of understanding. This could even be in a high-powered business, where individuals who are used to seeing basic excel graphs do not comprehend anything extra complex. The idea of interactivity within imagined data is not something they would ever feel essential. It is, thus, tough for those designing visualizations to match up to the extensive understanding of data and data visualizations.

Impact of the COVID-19 on the Data Visualization Tools Market

The outbreak of COVID-19 has brought effects on many features, like aircraft terminations; travel bans and quarantines; restaurants, cafes closed; all outdoor events restricted; over forty countries state of emergency declared; massive slowing of the supply chain; stock market instability; dropping business confidence, building panic among the population, and doubt about future. Data Visualization Tools market has witnessed many progressions in terms of tools offered by the industry players. The COVID-19 pandemic has given rise to increased use of line charts, bar charts, and choropleth maps in the news. Simple data visualizations have become the key to communicating vital information about the coronavirus pandemic to the public. Another

most interesting expansion owing to the COVID-19 crisis is that enterprises that surpass at the developments of dashboards integrate analytics and decision-making methods and boost them across all connected channels.

#### Data Visualization Tools Market: Key Players

Microsoft (US)

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Salesforce (US)

SAP (Germany)

Microsoft (US)

Oracle (US)

IBM (US)

AWS (US)

Sisense (US)

Alteryx (US)

SAS Institute (US)

Alibaba Cloud (China)

Dundas (Canada)

TIBCO Software (US)

Qlik (US)

GoodData (US)

Domo (US)

Klipfolio (Canada)

Datafay (US)

Zagami (England)

Live Earth (US)

Other prominent players

#### Data Visualization Tools Market: Regions

Data Visualization Tools Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. North America is estimated to contribute the largest share of the Data Visualization Tools Market during the forecast period owing to the overall preference and enthusiasm shown by the general population in the region towards adopting Data Visualization Tools. Moreover, large number of players functioning in this region also influence to drive growth of the market in North America. Asia Pacific also

holds a major share of the global market. The market in the region is also projected to register the highest CAGR during the forecast period.

Data Visualization Tools Market is further segmented by region into:

North America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-United States and Canada

Latin America Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR- United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR-India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Data Visualization Tools Market report also contains analysis on:

Data Visualization Tools Market Segments:

By Organization Department

Executive Management

Marketing

Operations

By Tool

Standalone

Integrated

Deployment Mode

On-premise

Cloud/On-demand

End-User

BFSI

IT and Telecommunication

Education

Others

Data Visualization Tools Market Dynamics

Data Visualization Tools Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value chain of the Market

Market Drivers and Restraints

Data Visualization Tools Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2021 USD 5.84 billion

Revenue forecast in 2031 USD 14.18 billion

Growth Rate CAGR of 9.26% from 2021 to 2031

Base year for estimation 2021

Quantitative units Revenue in USD billion and CAGR from 2021 to 2031

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Organization Department, Type, Deployment Mode, End-user and region

Region scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled Salesforce (US), SAP (Germany), Microsoft (US), Oracle (US), IBM (US), AWS (US), Sisense (US), Alteryx (US), SAS Institute (US), Alibaba Cloud (China), Dundas (Canada), TIBCO Software (US), Qlik (US), GoodData (US), Domo (US), Klipfolio (Canada), Datafay (US), Zegami (England), Live Earth (US), and Others

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. DATA VISUALIZATION TOOLS MARKET**

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

### **3. RESEARCH METHODOLOGY**

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

### **4. AVERAGE PRICING ANALYSIS**

### **5. MACRO-ECONOMIC INDICATORS**

### **6. MARKET DYNAMICS**

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

### **7. CORRELATION & REGRESSION ANALYSIS**

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

### **8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE**

### **9. RISK ANALYSIS**

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

## **10. DATA VISUALIZATION TOOLS MARKET ANALYSIS**

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

## **11. DATA VISUALIZATION TOOLS MARKET**

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

## **12. DATA VISUALIZATION TOOLS MARKET: MARKET SEGMENTATION**

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By End-user: Market Share (2021-2031F)



- 12.2.1. BFSI, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.2.2. IT and Telecommunication, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.2.3. Healthcare and Life Sciences, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.2.4. Education, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.2.5. Others, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.3. By Technology: Market Share (2021-2031F)
  - 12.3.1. Machine Learning, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.3.2. Computer Vision, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.3.3. Others, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.4. By Organization Department: Market Share (2021-2031F)
  - 12.4.1. Executive Management, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.4.2. Marketing, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.4.3. Others, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.5. By Tool: Market Share (2021-2031F)
  - 12.5.1. Standalone, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.5.2. Integrated, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
- 12.6. By Deployment Mode: Market Share (2021-2031F)
  - 12.6.1. On-premise, By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F
  - 12.6.2. Cloud/On-demand By Value (USD Million) 2021-2031F; Y-o-Y Growth (%) 2021-2030F

## **13 COMPANY PROFILE**

- 13.1. Microsoft (US)
  - 13.1.1. Company Overview
  - 13.1.2. Company Total Revenue (Financials)
  - 13.1.3. Market Potential
  - 13.1.4. Global Presence
  - 13.1.5. Key Performance Indicators
  - 13.1.6. SWOT Analysis
  - 13.1.7. Product Launch
- 13.2. Salesforce (US)

- 13.3. SAP (Germany)
- 13.4. Microsoft (US)
- 13.5. Oracle (US)
- 13.6. IBM (US)
- 13.7. AWS (US)
- 13.8. Sisense (US)
- 13.9. Alteryx (US)
- 13.10. SAS Institute (US)
- 13.11. Alibaba Cloud (China)
- 13.12. Dundas (Canada)
- 13.13. TIBCO Software (US)
- 13.14. Qlik (US)
- 13.15. GoodData (US)
- 13.16. Domo (US)
- 13.17. Klipfolio (Canada)
- 13.18. Datafay (US)
- 13.19. Zegami (England)
- 13.20. Live Earth (US)
- 13.21. Other Prominent Players

## **14 CONSULTANT RECOMMENDATION**

\*\*The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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