

## VECTRANCE BIG DATA/ANALYTICS CONSULTANTS

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### VECTRANCE ANALYTICS IS A CONSULTING FIRM SPECIALIZING IN BUSINESS INTELLIGENCE AND BIG DATA

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#### THE CHALLENGES OF BIG DATA ANALYTICS

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For most organizations, big data analysis is a challenge. Consider the sheer volume of data and the different formats of the data (both structured and unstructured data) that is collected across the entire organization and the many different ways different types of data can be combined, contrasted and analyzed to find patterns and other useful business information.

The basic challenge of analysts is searching collecting or extracting data from the cloud, then in breaking down data silos to access all data an organization stores in different places, clouds and often in different systems.

This big data challenge is implemented in creating platforms (Hadoop...) that can pull in unstructured data as easily as structured data. This massive volume of data is typically so large that it's difficult to process using traditional database and software methods. Our practice cover various Areas of bigdata implementation and analytics are marketing, CRM, supply chain,operation, finance...

#### BIG DATA REQUIRES HIGH-PERFORMANCE ANALYTICS

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To analyze such a large volume of data, big data analytics is typically performed using specialized software tools and applications for predictive analytics, data mining, text mining, forecasting and data optimization. Collectively these processes are separate but highly integrated functions of high-performance analytics. Using big data tools and software enables an organization to process extremely large volumes of data that a business has collected to determine which data is relevant and can be analyzed to drive better business decisions in the future.

#### PROJECTS

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Enterprises are increasingly looking to find actionable insights into their data. Many big data projects originate from the need to answer specific business questions. With the right big data analytics platforms in place, an enterprise can boost sales, increase efficiency, and improve operations, customer service and risk management.

#### EASILY DELIVER REAL-TIME BIG DATA ANALYTICS IN THE CLOUD

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Whether on-premises, hybrid or in the cloud, with us you can run big data processing when and where you need it for the best response time, lowest latency, and most cost-effective use of resources. Build end-to-end big data integration workflows that easily integrate with Amazon Redshift, Elastic MapReduce (EMR), Amazon Kinesis or Azure HDInsight systems, so all your infrastructure runs in the cloud, or leverage Talend Integration Cloud for Cloud integration with powerful self-service tools.

## EXPERT TEAM AND IMPLEMENTATION

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Our team encompass solution architects, data scientists, data analysts, soft developers or big data analytics project managers

## SECTORS

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- Industry , Electronics & High Tech
- Consumer Goods & Services
- Industrial Equipment
- Banking
- Retail
- Communications
- Health Providers (Hospitals, Clinics, Government Health Facilities)
- Energy
- Chemicals
- Utilities

**Our functional and technological expertise and practices are recognized; it is combined with a depth experience solution deployment management.;**  
**VecTrance know how cover the two levels: collecting/extracting data from the cloud, and, data analytics implementation;**

## OUR MISSION ON ANALYTICS

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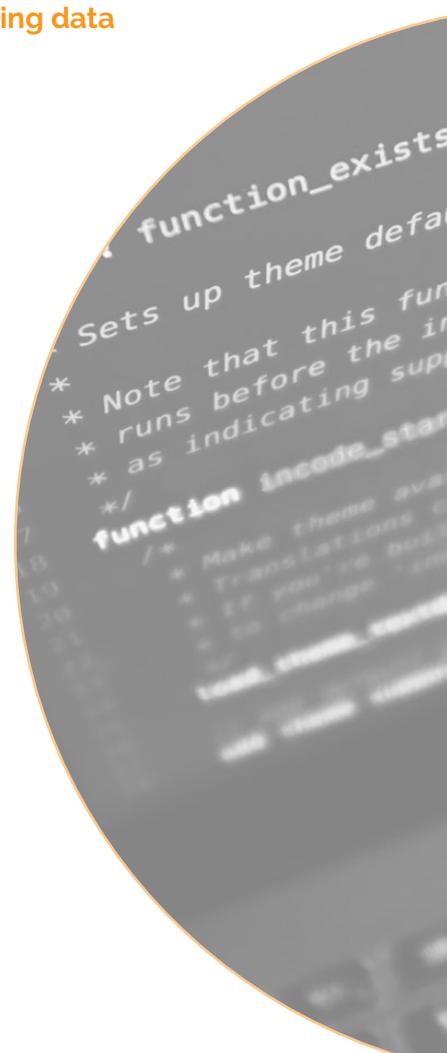
- Support our customers in planning and conducting their projects. Our experience allows us to assist our customers in the operation of their production data to optimize decision-making and boost their internet marketing (conquest, loyalty, flow ...).
- Our experience of over twenty years in consulting, deployment decision of software solutions and web analytics, custom allow us to continuously improve the competitiveness of our customers.

## DATA ANALYTICS

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On the chain of decision making process:

- Collecting (ETL), cleaning and consolidating data
- Retrieving data from production systems and adapt them to a decision use.
- Storing and Centralizing data structured and processed so that they are available for decision-making purposes (DHW)
- Distributing or rather facilitating the accessibility of information depending on the features and types of use
- Exploiting or how to assist the user so that it can extract the substance of the information stored data for this purpose (data mining).



## THE EXPERTISE OF OUR CONSULTANTS IS OVER TWO SKILLS:

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### CONSULTING (BUSINESS ANALYST)

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The functional consultant accompanies the client in the definition of its information and management systems and brings on business expertise (emarketing, management control, CRM ...) as well.

### TECHNOLOGY

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Consultants technology know-how focuses on the definition, deployment and integration of key business intelligence tools.

**Associates contribute confirmed practices of project management for the deployment and management of information system projects.**

### REFERENCES

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VecTrance has references that have enriched our know-how in the fields of energy and infrastructure, in the implementation of computer systems for the control structures and performance (reporting, dashboards, consolidation, data mining, etc. ). Sun oil, Sunir, Pars, NNPC, Challenger drilling, Pertamina, Sakhaline Energy, Pan African, CCC, Tractebel, FosterWheeler-Amec, Lafarge-Holcim, Oger International, TOTAL, Suez ...