OPPORTUNITIES IN BIG DATA

Big Data – In this day and age of the “data explosion” phenomenon, where organisations are swamped by increasingly unmanageable amounts of data coming in from multiple sources such as enterprise IT systems, machine sensors and social media, will organisations equip themselves to surf on the data wave, or will they drown in the data deluge? Organisations that can effectively tame the volume, variety and velocity aspects of Big Data will be in good stead to stay ahead of the pack in the ever-competitive landscape.

The key objective of Big Data Analytics is to extract invaluable insights from data – treasure troves waiting to be unlocked. To achieve enterprise-wide visibility of your organisation, data from various sources are usually integrated into a central repository for comprehensive analysis.

CHALLENGES

- Inability to perform comprehensive evaluations of enterprise-wide business performance using multiple disparate data sources
- Limited insights gained from analysing data using basic techniques
- Difficulty in scaling up infrastructure to accommodate the ever-growing data volume for analysis

SOLUTION

- Empower your organisation to harvest and harness the business value of your data with NCS Big Data Analytics solutions

BENEFITS

- Business Intelligence: Achieve enterprise-wide visibility of your business performance
- Advanced Analytics: Gain foresight into the future
- Big Data: Tackle data volume, velocity and variety challenges cost-effectively
TAPPING ON BIG DATA

Business Intelligence (BI)
By applying BI solutions on consolidated data, organisations are able to investigate past business performance. Business metrics such as sales revenue can be sliced-and-diced by product type, months and geographic area to help management assess business performance and locate bottlenecks. Insights can be presented in static printable reports or interactive dashboards for ad-hoc analysis by any business user.

Advanced Analytics (AA)
AA solutions allow organisations to harvest even more value from data. Special computer algorithms are applied to the data to discover hidden patterns and predict future events. AA enables organisations to go beyond simply analysing past performance. Decision-makers can gain foresight into the future to better optimise their organisation’s operations.

Big Data Platform
Organisations will face scalability challenges if they decide to tackle Big Data, the ever-growing transactional data and massive machine sensor data, with traditional database technologies. Depending on each organisation’s data needs, the cost-effective Hadoop technology can be used to scale up the repository to handle petabytes of data reliably without discarding useful old data.

NCS BIG DATA ANALYTICS SOLUTIONS
NCS can help you with your Big Data Analytics strategy with our end-to-end solutions from consultancy to implementation services. NCS works with market-leading partners to deliver our solutions.

With our patented Bizval™ consultancy methodology focusing on business value and extensive implementation experience of numerous enterprise-wide projects, NCS is committed to ensuring customer success in unlocking the potential of Big Data.

Empower your business with NCS Big Data Analytics Solutions

Consultancy
- Business Perspective
  - Assess Current State and Analytics Maturity Level
  - Develop Business Case and Strategy
  - Propose Data Governance Framework
  - Technology Perspective
    - Define Technology Blueprint and Implementation Roadmap
    - Propose Technology Product Stack and Operating Model

Implementation
- Deploy Data Integration Platform
- Deploy Data Storage and Management Platform
- Business Intelligence: Build Reports and Dashboards
- Advanced Analytics: Build and Operationalise Advanced Analytics Applications

Uses of Business Intelligence, Advanced Analytics & Big Data

Customer and Marketing Analytics
- Knowing every customer inside out

Social Media and Text Analytics
- Extracting insights from social media and text data

Web Analytics
- Gaining intelligence from your websites

Fraud and Security Analytics
- Keeping computer criminals at bay

Video Analytics
- Responding to critical events detected in videos

Industry-Specific Analytics
- Applying Big Data Analytics to Your Specific Industry