Data driven decision making - technology and tools

Gain a deeper understanding of current tools and technology

| Data management technology | Data visualisation tools | Analytics technology |

Hadoop

An open-source framework which is built to enable the process and storage of big data across a distributed file system. Essentially, it accomplishes two tasks: massive data storage and faster processing.

Microsoft SQL Server

Microsoft SQL Server is a relational database management system whose primary function is to store and retrieve data as requested by other software applications.

MongoDB

Built on an architecture of collections and documents, instead of using tables and rows as in relational databases. Documents comprise sets of key-value pairs (KVPs) and are the basic unit of data in MongoDB.

Neo4j

A type of database that uses graph structures for semantic queries with nodes, edges and properties to represent and store data.

SAP HANA

SAP HANA is an in-memory, column-oriented, relational database management system, developed and marketed by SAP.

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Microsoft PowerBI

A collection of online services and features that enables users to find and visualise data, share discoveries and collaborate in intuitive ways.

QlikView

A tool that supports the creation of visualisations that effectively organise, communicate and share analysis with clients.

Tableau

A visualisation tool that supports the creation of dashboards and interactive visualisations that we use to effectively organise, communicate and share analysis with clients.

TIBCO Spotfire

Analytics' software designed for data exploration. It enables users to discover and depict critical insights in data.

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MATLAB

An abbreviation of the words matrix and laboratory. It is a computing environment which allows matrix manipulations, plotting of functions and data and implementation of algorithms.

R.

A software environment for statistical computing and graphics. It provides a wide variety of statistical and graphical techniques, and is highly extensible.

River Logic

A modelling and analytics platform that leverages diagnostic, predictive and prescriptive analytics to conduct what-if and optimisation analysis.

SAS

A leader in advanced analytics and business intelligence software. It offers a range of data management and analytics solutions.

Simul8

SIMUL8 is a tool that allows users to create a computer simulation, which takes into account existing constraints, capacities and other factors affecting the total performance of production.

SPSS

Statistical Package for Social Sciences (SPSS) is a software package used for statistical analysis.

STATA

An abbreviation of the words statistics and data. It is a statistical software package and its capabilities include data management, statistical analysis and regression analysis.