TIBCO

TIBCO Software Inc. is an American company that provides integration, analytics and event-processing software for companies to use on-premises or as part of cloud computing environments.
  ➢ The software manages information, decisions, processes and application for customers.

Featured Products

TIBCO Spotfire - is an analytics platform
  ➢ is a data visualization tool that allows users to access and combine data in a single analysis

  Advantages of TIBCO Spotfire

    ➢ It makes it fast and easy for everyone to visualize new discoveries in data.
    ➢ The software is ideal for small, growing businesses as it can be expanded as the business scales up.
    ➢ The TIBCO Spotfire comes in three versions – Cloud, Platform, and Desktop.
    ➢ With TIBCO Spotfire Cloud edition - users can create dashboards, study and evaluate data, and share analyses on the cloud.
    ➢ The Spotfire Platform - on the other hand, allows teams to create everything from custom big data analytics app to dashboards for huge organizations and companies.
    ➢ The Desktop version - enables users to create dashboards and analyze data on PCs.

  Main features of TIBCO Spotfire are :

    ➢ Big Data Analytics
    ➢ Predictive Analytics
    ➢ Content Analytics
    ➢ Event Analytics
    ➢ Location Analytics
    ➢ Advanced Collaboration Tools
    ➢ Dashboards and Analytic Apps
    ➢ Data Discovery and Visualizatio

  TIBCO Spotfire benefits are :

    ➢ Cutting costs – the software enables user to manage hundreds to thousands of users over the Intranet/Internet networks with the use of a single database
    ➢ Lots of visualization – the data presented can be in ways that can be easily understood i.e pie charts
    ➢ works with third party tools – allow user to integrate third-party tool, databases and applications
    ➢ flexible – give users freedom to decide how to implement the system

Microsoft

Microsoft - develops, manufactures, licenses, supports, and sells computer software, consumer electronics, personal computers, and related services.

Its best known products are :

- Microsoft windows
- Microsoft office suite
- Internet Explorer
- Visual studio code
- Microsoft Azure

Microsoft Azure
- Is a cloud computing service created by microsoft for building, testing, deploying and managing applications and services through microsoft managed data centers.

It provides:

- Software as service (SaaS)
- Platform as service (Paas)
- Infrastructure as service (Iaas)
- and supports many different programming laguages, tools and frameworks including third-party software systems.

Key advantages of Microsof's Azure cloud are :

- Security - Azure environment is safeguarded with tools like Threat Intelligence, Advanced Threat Analytics, Azure Information Protection, and Multi-Factor Authorization. These technologies help you analyze threats in real time, identify and react to suspicious user and device activity on your network, and provide the highest levels of access security.
- Privacy - With Azure, you own and control the collection, use, and distribution of your customer data.
- High availabiity and scalabiity - Unlike many other cloud service providers, Azure provides high availability and redundancy because of Microsoft's vast global footprint.
- Cost effectiveness - Azure offers a pay-as-you go payment plan that allows businesses to have better control over their IT budgets since they purchase only what they need.

Visual Studio Code

- is a source-code editor developed by Microsoft for Windows, Linux and macOS,It includes support for debugging, embedded Git control and GitHub, syntax highlighting, intelligent code completion, snippets, and code refactoring.
- The Source code is free and open source.

Intelligent Business Machines (IBM) :
- produces and sells computer hardware, middleware and software, and provides hosting and consulting services in areas ranging from mainframe computers to nanotechnology.

Inventions by IBM:

- automated teller machine (ATM)
- the floppy disk the hard disk drive
- the magnetic stripe card

➢ the relational database
➢ the SQL programming Language

IBM products :
➢ IBM cognos Analytics - is a cloud-based business intelligence and analytics solution that makes it easy to visualize, analyze and share insights about your business.

Advantages :

- Visualize your business performance - Create beautiful dashboards and reports with AI recommendations

- Uncover what drives your performance - Unearth insights in your data using plain language, visual exploration and machine learning

- Share insights with your team - Drive change in your organization with interactive, animated data stories

- Create pixel perfect reports - Schedule and distribute your reports to thousands

- Prepare and share data - Clean, join and share data with automation and built-in intelligence

- Protect your data - Control access with role-based governance and single sign-on.