

ST. XAVIER'S COLLEGE

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Lab Report-3

Management Information System (IT 226)

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Title:

Business Intelligence Tools (BI Tools)

Introduction

→ Business intelligence (BI) tools are types of application software which collect and process large amounts of unstructured data from internal and external systems, including books, journals, documents, health records, images, files, email, video and other business sources.

Tools:

1. SAP Business Object

→ SAP Business Objects is a business intelligence software which offers comprehensive reporting, analysis and interactive data visualization focuses heavily on categories such as Customer Experience (CX) and CRM, digital supply chain, ERP and more.

It is a robust software intended for all roles (IT, end users and management) and offers tons of functionalities in one platform.

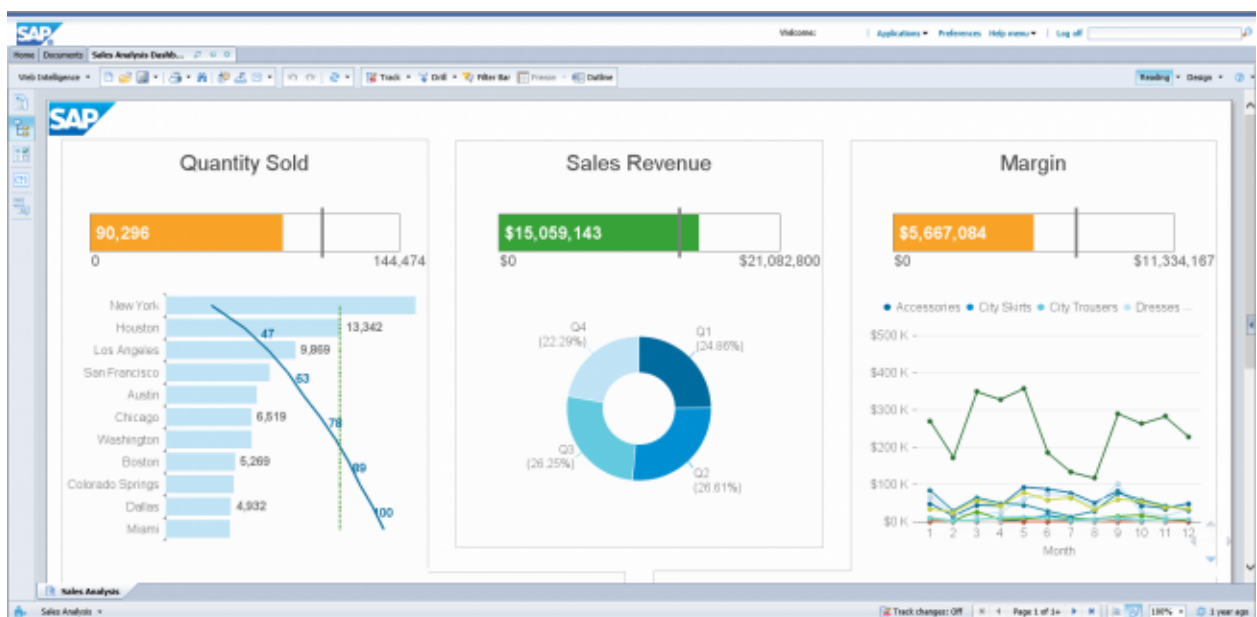


Figure 1: SAP business Object

Key Features:

- A BI enterprise reporting system.
- Self-service , role-based dashboards
- Cross-enterprise sharing
- Integration with office.
- Connection with SAP Warehouse and HANA

2. Datapine:

→ Datapine is an all-in-one business intelligence platform that facilitates the complex process of data analytics even for non-technical users. Datapine was founded in 2012 with the idea to facilitate the complex process of data analytics through technical innovation. Thanks to a comprehensive self-service analytics approach, datapine's solution enables data analysts and business users alike to easily integrate different data source, perform advanced data analysis, build interactive business dashboards and generate actionable business insights.



Figure 2:Datapine

Key Features:

- Intuitive drag and drop interface
- Easy to use predictive analytics
- www.datapine.com/articles/best-bi-tools-software-review-list Many uinteractive dashboard features

3. Microsoft Power BI :

→ Microsoft Power BI is a web-based business analytics tool suite which excels in data visualization. It allows users to identify trends in real-time and has brand new connectors that allow you to up your game in campaigns. Because it's web-based, Microsoft Power BI can be accessed from pretty much anywhere. This software also allows users to integrate their apps and deliver reports and real-time dashboards.



Figure 3: Microsoft Power BI

Key Features:

- Range of attractive Visualization
- Get Data(Data Source)
- Customizable Dashboards
- Flexible Tiles
- Informative Reports.

4. QlikSense

→ QlikSense is a complete data analytics platform and business intelligence tool. We can use from any device at anytime.the user interface is optimized for touchscreen which makes it a very popular BI Tool. it offers a one of a kind associative analytics engine, sophisticated AI and high performance cloud platform, making it all the more attractive, An interesting features within this platform is its search and conversational analytics which enables a faster and easier way to ask questions and discover new insights by way of natural language.



Figure 4:QlikSense

Key Features:

- Associative exploration
- Self-service data visualization
- Insight Advisor Chat
- Qlik Sense Apps
- A dual-use strategy

5. Sisense

→ Sisense is a user-friendly data analytics and business intelligence tool that allows anyone within your organization to manage large and complex datasets as well as analyze and visualize this data without your IT department getting involved. It lets you bring together data from a wide variety of sources as well including AdWords , Google Analytics and Salesforce. Not to mention, because it uses in chip technology, data is processed quickly compared to other tools. This platform is even recognized as a leading cloud analytics platform by various industry experts such as Gartner, g2 and dresner.



Figure 5:Sisense

Key Features:

- Eye-grabbing visualization
- Exports data to PDF,Excel,Images and other formats
- Embed entire dashboards or individual widgers
- Drag and drop user interface
- Data unification

Reference

- <https://mopinion.com/business-intelligence-bi-tools-overview/>
- www.coursera.org/articles/bi-tools
- www.datapine.com/articles/best-bi-tools-software-review-list
- <https://data-flair.training/blogs/power-bi-features/>