

19/07/24

Friday,

ASSIGNMENT - 01

BIG DATA TOOLS AND THEIR DESCRIPTION

1. THROUGHTSPOT.

Thoughtspot offers an AI-Powered, search driven approach data analytics that empowers data visualization

FEATURE

- AI powered insights, answers and recommendations
- Interactive, verifiable, personalized live
- Build interactive visualizations with Visual Explorer.
- Advanced data analysis.
- Easy Set-up and connectivity with multiple data sources.

2. MONDRIAN

Big data analytics tools help you collect, model, analyze and visualize data.

With its integrated notebook environment and intuitive drag-and-drop SQL editor, analysts can easily process queries.

3. POWER BI

Power BI is a big data analytics tool that integrates with Microsoft's ecosystem allowing business to analyse the data stored, and reporting. It can be challenging, especially for business users who will likely require additional training.

Features

- Data modelling
- Data transformation

4) TABLEAU

Tableau Salesforce's legacy big data analytics tool that lets users visualise and analyse data, with drag-and-drop interface with multiple data sources.

Features

- Data visualisation
- Data connectivity
- Available to view different devices
- Report sharing and collaboration
- Pop-level security

5) Quick sense

Quick sense allows users to run ad-hoc

queries and apply advanced data

analysis techniques to large datasets.

Feature:

- Data visualisation and reporting

- Real time monitoring

- Data modelling.

6) Apache Hadoop

Apache Hadoop is an open source.

Framework based on Java that manages

the storage and processing of large

dataset.

Feature:

- Scalable data storage.

7) Apache Spark

Apache Spark is another open-source

analytic software large datasets.

API application.

Feature:

- Stream data processing

- Supports SQL queries

- Open source framework.

8) XP LENTY.

It is a data analytic tool

for building a data pipeline

by using minimal coding with

feature.

- Rest API

- Flexibility.

- Data Security.

9) RAPID MINER

It's fully automated visual workflow design tool used for data analysis.

Feature.

- Accessibility

- Storage

- Data Validation.

10) QUBOLE

It's open source big data tool that helps in fetching data in value chain using adhoc analysis.

in ml.

Features.

- Support ETL process
- Real time insight
- Predictive Analytics
- Advanced security system

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