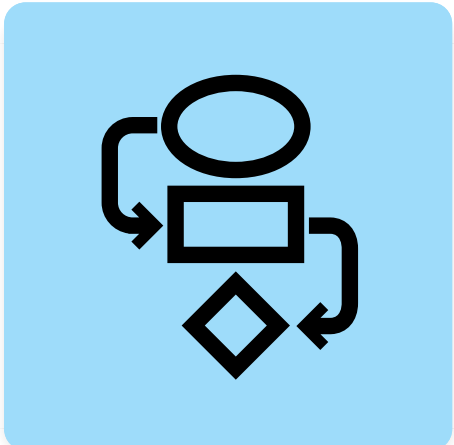




INTRODUCTION

TYPES



The definition is: the ability to explore, understand, and communicate with data in a meaningful way. This can be on different levels: technically and advanced, or on a much more basic level. **Tableau** is the fastly growing and powerful data visualization tool.

Key Data Literacy Skills & Concepts for Business

- Data Analysis. Data analysis refers to reading and interpreting data to glean insights from it.
- Data Wrangling.
- Data Visualization.
- The Data Ecosystem.
- Data Governance.
- The Data Team.

Four components of data literacy is:

- 1)data exploration
- 2)data management
- 3)data use
- 4)reflection and improvement

Tableau – Data Types

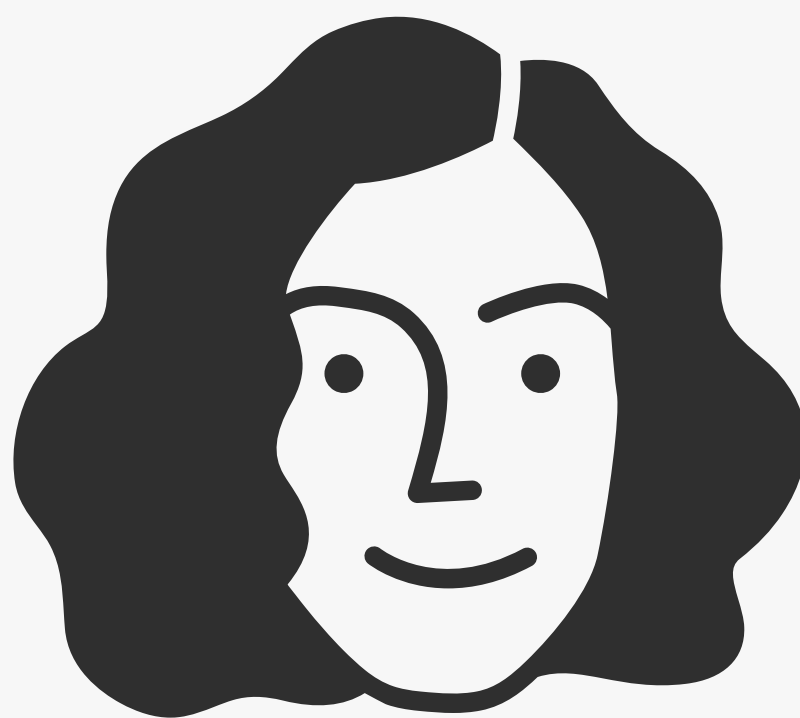
- String values.
- Number/Integer values.
- Date values.
- Date & Time values.
- Boolean values.
- Geographic values.
- Cluster or mixed values.

Types of tableau is:

- 1) Tableau Desktop
- 2) Tableau Public
- 3) Tableau Online
- 4) Tableau Server and Tableau Reader.

Components of Tableau Server

- Application Server.
- VizQL Server.
- Data Server.
- Backgrounder.
- Gateway/ Load Balancer.
- Clients (Web Browsers and Mobile Apps)



ARJUNKUMAR

10 Important Features of Tableau

- Informative Dashboards.
- Supports numerous data sources.
- Connectivity with Live and In-Memory Data.
- Provides Great Security.
- Easy Collaboration & Sharing.
- Provides a Mobile Version.
- Advanced Visualization Capabilities.
- Availability of Maps.
- Ask Data Tool.
- Trend Lines & Predictive Analysis.

05 levels of Data Literacy is:

- 1)Conversational
- 2)Literacy
- 3)Competency
- 4)Fluency and Multilingual.

Pillars of Data

- 1)data search
- 2)discovery
- 3)data literacy
- 4)data governance

Advantages of Tableau:

- High Performance: Users rate Tableau's overall performance as strong and secure.
- Mobile-friendly
- Extensive Customer Resources
- Excellent Mobile Support
- Easy to Upgrade
- Low Cost:
- Quality Customer Service
- Ease of Use

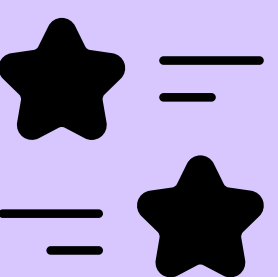
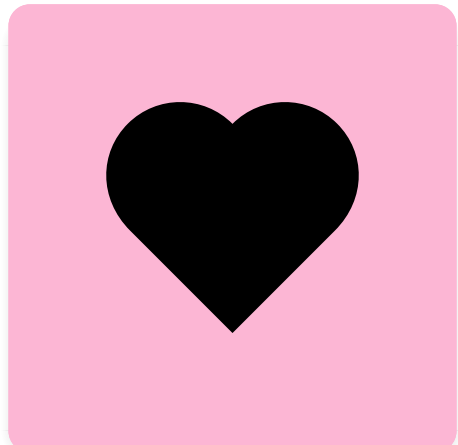
Four Characteristics of Data Literacy is:

- (1) reading
- (2) working
- (3) analyzing
- (4) arguing with data

characteristics of tableau:

Dimensions contain qualitative values (such as names, dates, or geographical data).It provides a drag-and-drop interface that allows users to quickly create visually appealing charts and graphs without any coding knowledge.

CHARACTERISTICS



Feature