

FUNDAMENTALS OF VISUALIZATION WITH TABLEAU

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INTRODUCTION

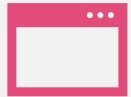
Data visualization is the graphical representation of information and data. By using visual elements like charts, graphs, and maps, data visualization tools provide an accessible way to see and understand trends, outliers, and patterns in data.

Tableau is an interactive, self-service reporting and analytics tool that enables faculty and staff to integrate and combine data from multiple sources into visualizations and be accessed in a single desktop environment using Tableau Desktop or through a shared dashboard.

INTRODUCTION



A license is required to use Tableau Desktop. The license can be renewed annually for continued use.



At least one copy of the Tableau Desktop license per department/school is required to use Tableau Server for sharing data.



Tableau is the most powerful, secure, and flexible end-to-end analytics platform for your data.



Tableau Server is a secure portal that allows dashboards created in Tableau Desktop to be securely shared with others from any browser or mobile device. This service is provided by North-western IT and supported by Enterprise Reporting and Analytics.

OBJECTIVE



Apply the fundamentals of the tool



Use all the basic functionality to visualize their data



Connect to various data sources



Build a variety of basic charts



Combine insights into a useable dashboard



Share and publish visualizations

COURSE CONTENT



1.Introduction to Data visualization



2.Tools for Data Visualization;



3.Introduction to tableau;



4.Examine and navigate tableau workspace;



5.Examine ways to define your project.

KEY LEARNING

Tableau software knowledge

Data visualization

Share and publish visualizations

Build a dashboard with powerful interactivity

Produce complex chart types

THANK
You!