



SNS COLLEGE OF TECHNOLOGY

Coimbatore-37.

An Autonomous Institution



COURSE NAME : 19CSE311 & DATA VISUALIZATION

III YEAR/ VI SEMESTER

UNIT – 1 INTRODUCTION

Topic: Widgets , Data visualization tools

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Widgets , Data visualization tools



Widgets

The Data Visualization widget allows you to embed accessible, interactive data visualizations, utilizing a third-party tool called Everviz. Dozens of chart types and variations are available, including line, spline, area, column, bar, pie, scatter, and map-based charts.





Context of data visualization, Definition



Data Visualization Tools

- Tableau
- Looker
- Zoho Analytics
- Sisense
- IBM Cognos Analytics
- Qlik Sense
- Domo
- Microsoft Power BI
- Klipfolio
- SAP Analytics Cloud

Data Visualization Libraries Available in Python, R, and Javascript

Python

Matplotlib
Plotly
ggplot
Seaborn
Altair
Geoplotlib
Bokeh

R

ggplot2
Plotly
Leaflet
Esquisse
Lattice

Javascript:

D3.js
Chart.js
Plotly





Widgets , Data visualization tools



Visualization Tools





References

1. Christian Toninski, Heidrun Schumann, Interactive Visual Data Analysis, CRC press publication, 2020
2. Aragues, Anthony. Visualizing Streaming Data: Interactive Analysis Beyond Static Limits. O'Reilly Media, Inc., 2018