## TABLEAU WORKSHOP

UNDERSTAND AND PRESENT DATA BEAUTIFULLY

Data Science and Informatics
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Github Repository



#### **ABOUT US**

How you can get involved with the DSI club at UF

02

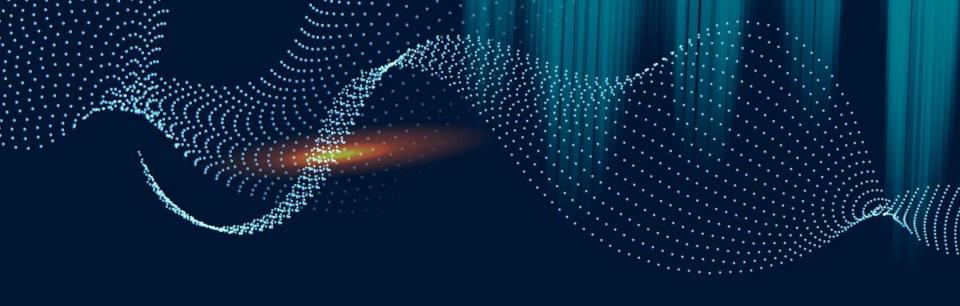
#### **WHY TABLEAU**

Applications of Tableau in the real world and its importance.

03

#### **PRACTICAL**

Interactive tutorial with Tableau examples and code, follow along!



## 01

## **ABOUT US**

How you can get involved



**DSI** discord



### **WHY JOIN DSI**

#### **Apply Data Science Skills**

- Workshops
- Project Opportunities

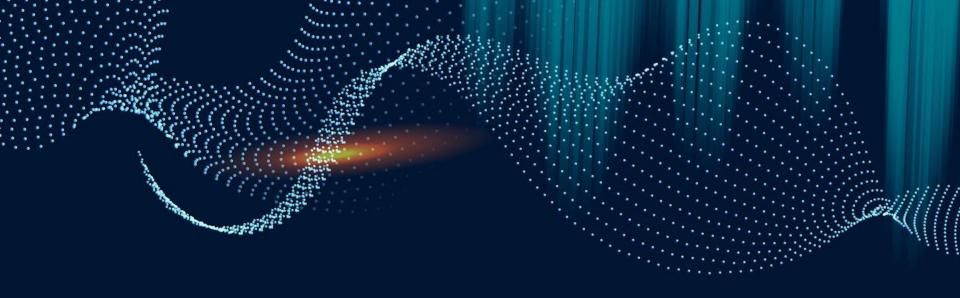
#### **Career Building**

- Resume Building
- Career and Interview Prep
- Guest Speakers from Different Industries

#### **Community**

- Interact with Peers
  - Socials





# 02 WHY TABLEAU Applications and usability

#### **TABLEAU IN THE REAL WORLD**

**Business:** From visualizing sales data to understanding customer behavior, Tableau empowers businesses to make data-driven decisions.

- •Education: Tableau visualizes student performance data, aiding educators in improving teaching methods.
- •Supply Chain Management: Tableau optimizes supply chain operations by visualizing inventory and logistics data.
- •Human Resources: Tableau enhances HR analytics, enabling talent trend identification and recruitment optimization.
- •Energy Sector: Tableau aids energy companies in optimizing resource allocation and sustainability initiatives.

#### WHAT CAN YOU DO ON TABLEAU?

#### **Data Visualization:**

Create bar charts, line charts, scatter plots, histograms, and heat maps to visually represent data.

#### **Dashboard Creation:**

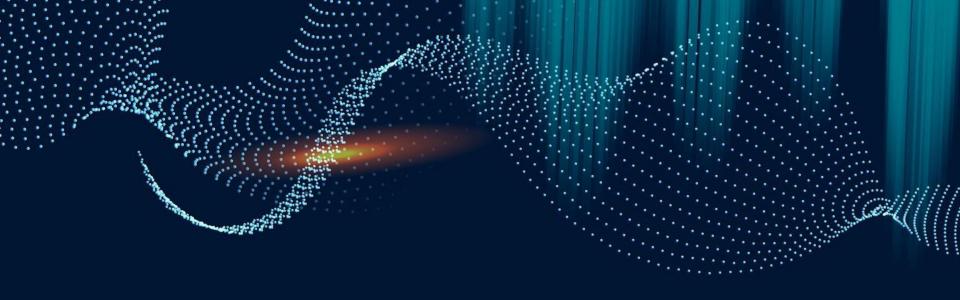
Designing interactive dashboards that combine multiple visualizations to provide a comprehensive view of data trends and insights.

#### Calculations (in-house code):

Using calculated fields and formulas to perform complex calculations, aggregations, and transformations on data within Tableau.

#### And more:

Forecasting, Filtering, Mapping, Blending, and Collaborating.



# 03

## TUTORIAL

What you came here for!

## **THANKS!**

#### Do you have any questions?

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