

TABLEAU WORKSHOP

UNDERSTAND AND PRESENT
DATA BEAUTIFULLY

Data Science and Informatics
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Github Repository



01

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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