DATA VISUALIZATION | ADVANCED | 5 DAYS

Data Analysis and Visualization with Tableau

Build a strong foundation in data visualization and analytics using Tableau to support informed business decision making. Learn how to design impactful dashboards, uncover insights through data exploration, apply advanced analytics techniques, and communicate data driven stories effectively across teams.

Why Tableau?

Data Exploration and Analysis

Tableau enables businesses to explore and analyze large datasets quickly and efficiently. Its intuitive drag-and-drop interface allows users to gain valuable insights for decision-making.

Improved Data-Driven Decision-Making

By using Tableau for data visualization and analysis, businesses can make data-driven decisions based on accurate insights.

Interactive and Dynamic Dashboards

Tableau empowers businesses to create interactive dashboards that offer real-time updates and allow users to explore details.

What you'll be able to do

- Understand the fundamentals of data visualization and its importance in corporate decision-making processes
- Gain proficiency in using Tableau Desktop, including connecting to various data sources, manipulating data, and creating visualizations.
- Learn best practices for designing visually appealing and informative dashboards and reports.
- Cultivate the capability to recognize patterns, trends, and insights within data by conducting interactive exploration and analysis in Tableau.
- Enhance data storytelling skills by effectively communicating insights and findings through visualizations.
- Discover advanced features and techniques in Tableau for complex data analysis, calculations, and predictive analytics.
- Promote collaboration and teamwork by utilizing Tableau's sharing and publishing features in corporate environments.

Who this is for

- Data Analysts
- Data Scientists
- Data Professionals
- IT Professionals

Curriculum

01 Tableau Foundations

- Apply tableau foundations in practical visualization workflows
- Build and refine examples using realistic datasets
- Check clarity, accuracy, and stakeholder readability
- Document choices and iterate based on feedback

02 Connect and Prep Data

- Apply connect and prep data in practical visualization workflows
- Build and refine examples using realistic datasets
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03 Visual Encodings and Basic Charts

- Apply visual encodings and basic charts in practical visualization workflows
- Build and refine examples using realistic datasets
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04 Advanced Charts and Maps

- Apply advanced charts and maps in practical visualization workflows
- Build and refine examples using realistic datasets
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05 Calculations, Parameters, and Filters

- Apply calculations, parameters, and filters in practical visualization workflows
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06 Interactive Dashboards and Stories

- Apply interactive dashboards and stories in practical visualization workflows
- Build and refine examples using realistic datasets
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07 Analytics and Time Series

- Apply analytics and time series in practical visualization workflows
- Build and refine examples using realistic datasets
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08 Publish and Collaborate

- Apply publish and collaborate in practical visualization workflows
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09 Governance and Security

- Apply governance and security in practical visualization workflows
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10 Performance

- Apply performance in practical visualization workflows
- Build and refine examples using realistic datasets
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11 Extensions and Real-Time Analysis

- Apply extensions and real-time analysis in practical visualization workflows
- Build and refine examples using realistic datasets
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- Document choices and iterate based on feedback