Data Analytics Project

23. The Tableau Dashboards

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Introduction

A Tableau Visualization is a graphical representation of data created using Tableau software, allowing users to analyze and interpret data visually.

A Tableau Dashboard is a collection of multiple visualizations (charts, graphs, maps, etc.) presented together on a single screen, providing an interactive and comprehensive view of data for analysis and decision-making purposes.

Real-World Example: A Car Dashboard

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Data for Dashboard

We can use two types of data for any of the dashboards, based on requirements:

A. **LIVE DATA**:
1. Automatically updated data.
2. Provides the most up-to-date information.
3. Enables immediate action in response to frequent data changes.

B. **STATIC DATA**:
1. Includes screenshots or snapshots of data.
2. Offers tightly controlled point-in-time narratives.
3. Loses value over time as data becomes outdated.

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Advantages of Dashboard

1. Dashboards give access to data and reports from multiple data sources on a single screen, simplifying analysis.

2. Information is presented in a dynamic interface that is easy to use and understand.

3. Dashboards can allow users to filter and isolate individual metrics, zoom into maps or line plots for more detail, and develop detailed analytical reports

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Best Practices of Dashboard

1. Know your audience and understand what information they need.
2. Present relevant and clean data.
3. Select visualizations that best represent your data.
4. Use templates to reduce time and complexity.
5. Avoid cluttering the dashboard space with too many annotations or colours.
6. Use feedback to refine and improve the dashboard design.

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THANK YOU!!! FOR YOUR SUPPPORT! For Now...

Keep Learning, Keep Sharing & Keep Following ***Aagam Deolasi***.

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