

Cognate/Professional Electives

Data Visualization

Renato R. Maaliw III, *DIT*

Engineer & Professor 1, College of Engineering

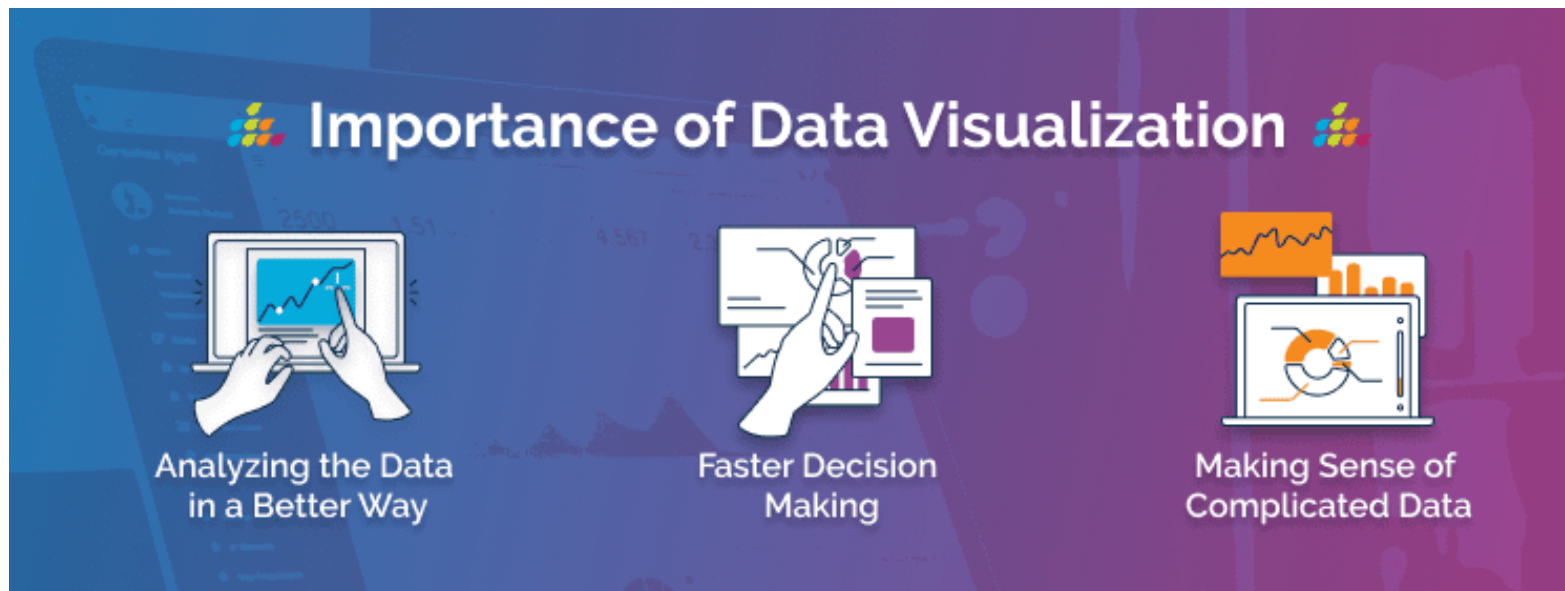
Southern Luzon State University

Lucban, Quezon, Philippines

Why Data Visualization?

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“It bridges the gap between complex data and accessible insights.”



1. Simplifies Complex Data

Visualizations make it easier to understand and interpret complex datasets quickly by summarizing the data in a more digestible form.



2. Enhances Data Exploration

Visualization tools allow you to explore data interactively, helping identify patterns, trends, and anomalies that you might miss in raw datasets.



3. Supports Better Decision Making

By providing a clear and concise view of data, visualization aids stakeholders in making informed decisions based on evidence rather than assumptions.



4. Reveal Hidden Patterns and Trends

Data visualizations help uncover insights that aren't immediately apparent, such as seasonality, outliers, and correlations.

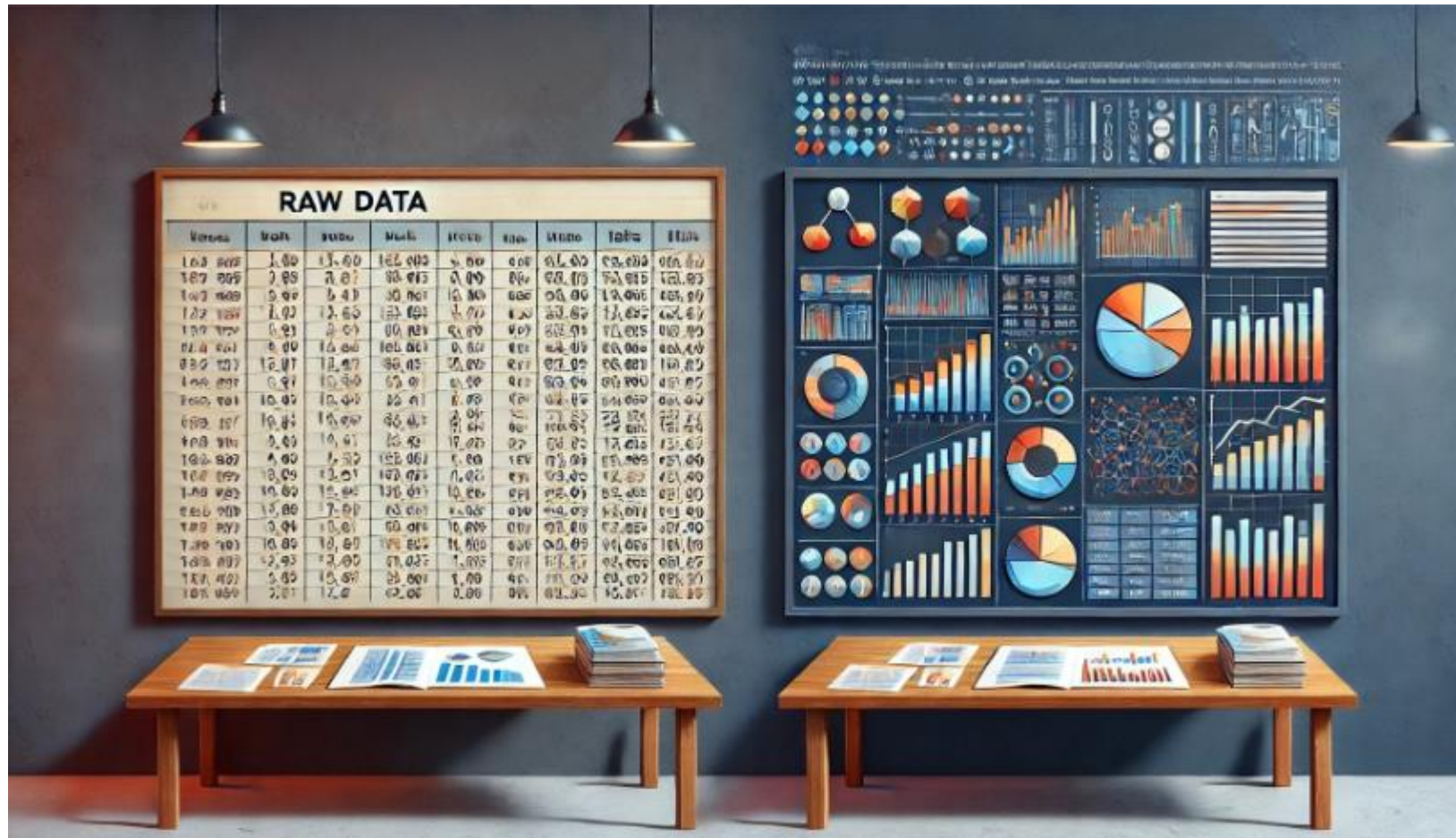


5. Improves Communication

Effective visuals can convey findings to both technical and non-technical audiences, ensuring everyone understands the insights being presented.



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DATA VISUALIZATION

Thank you very much for listening.