Building Advanced Plots with Plotly

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Overview

Built-in functionality for specialized visualizations

Gantt charts and Sankey diagrams

3D plotting using scatter plots and surface charts
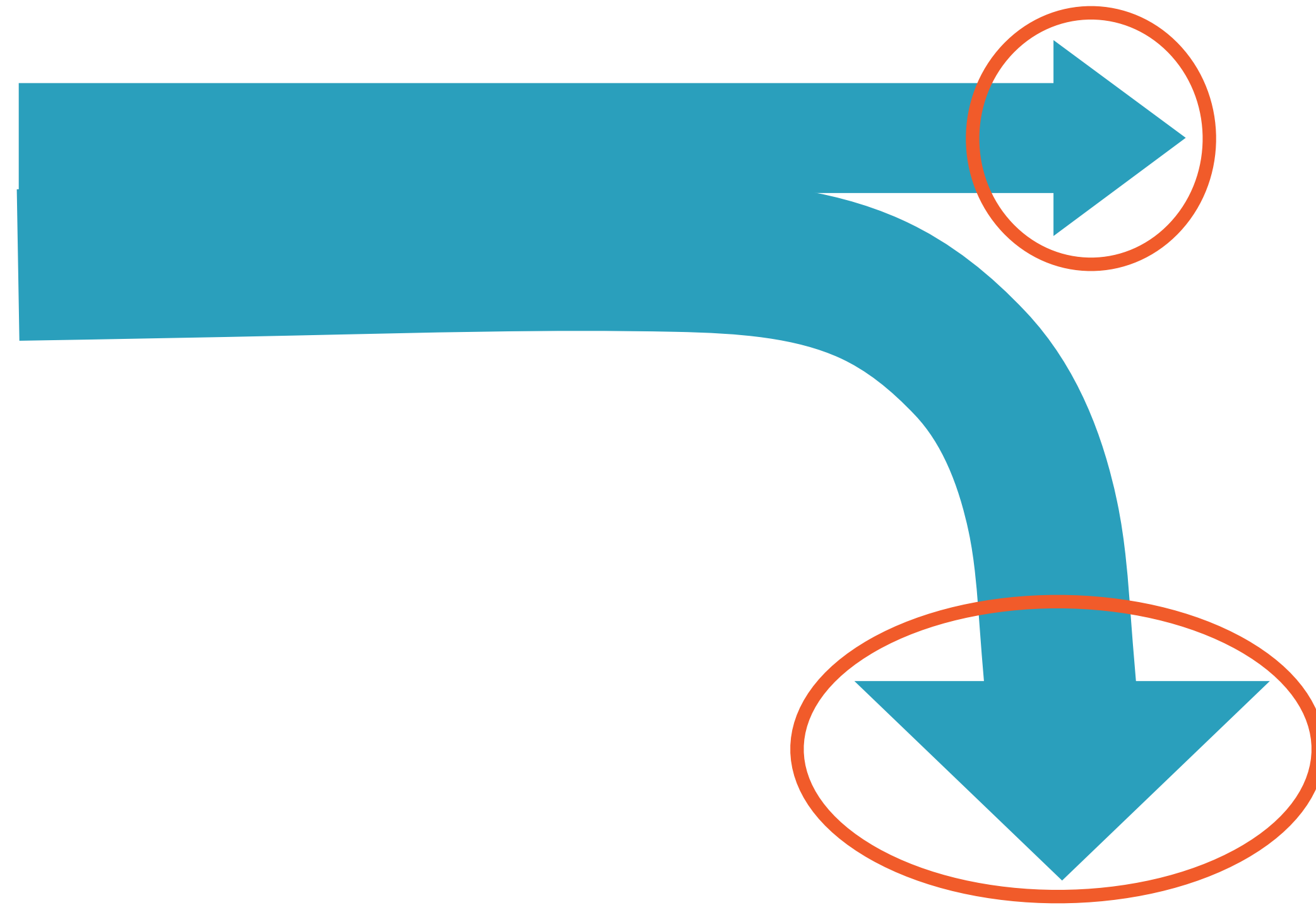
Animating plot visualizations

Demo

Gantt charts
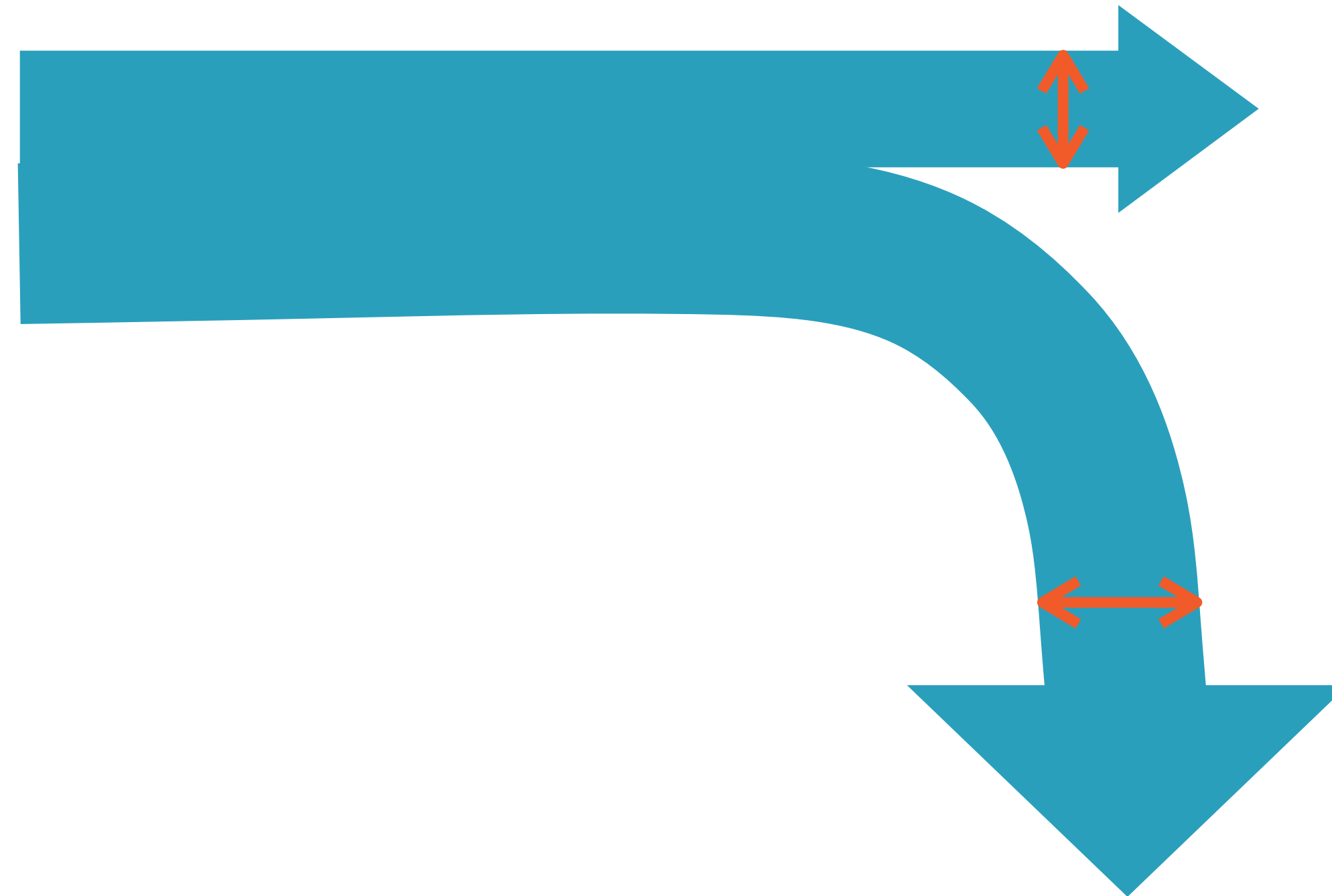
Sankey Diagrams

Sankey Diagrams

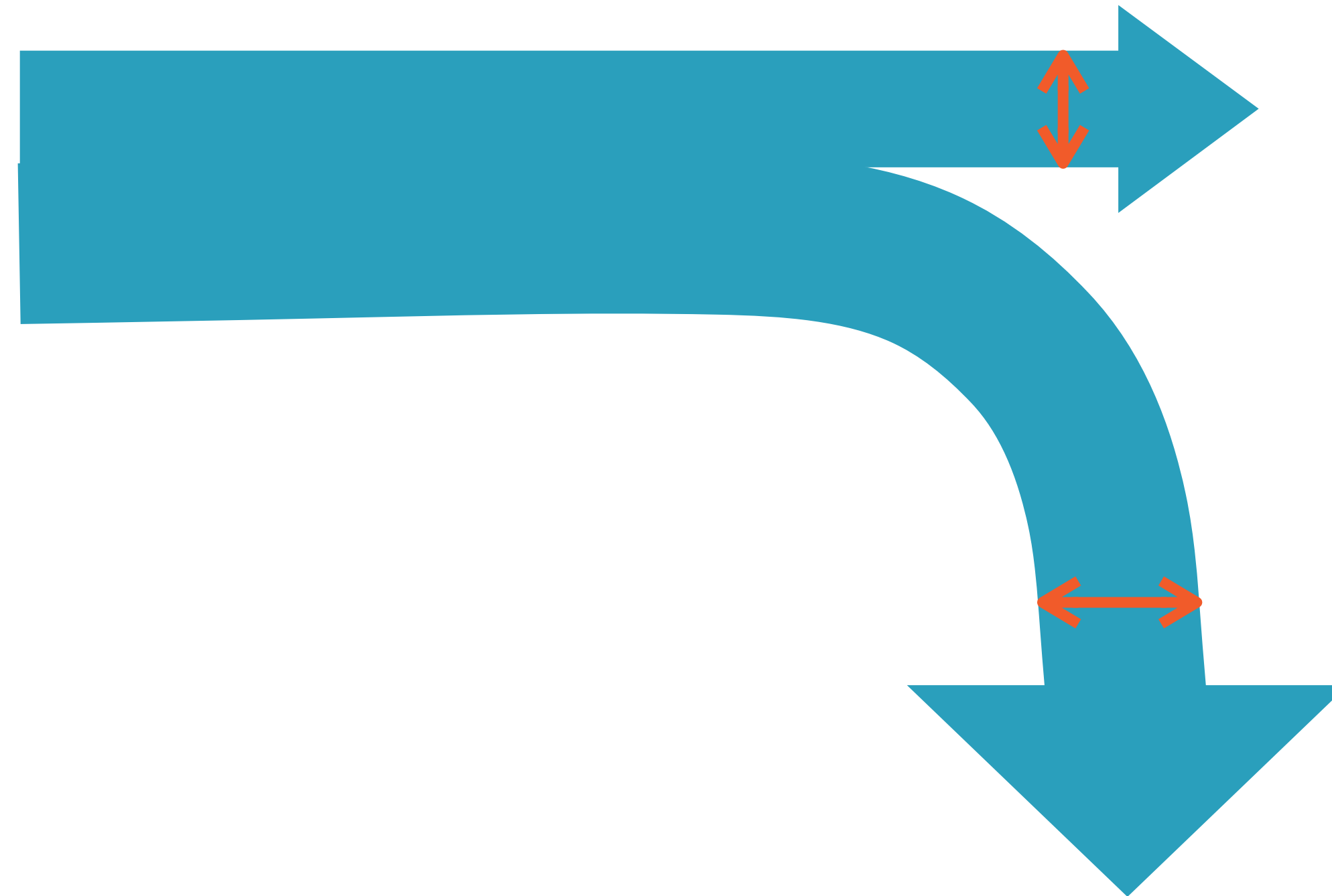**Specific type of flow diagram**

Sankey Diagrams

Arrows indicate direction of flow
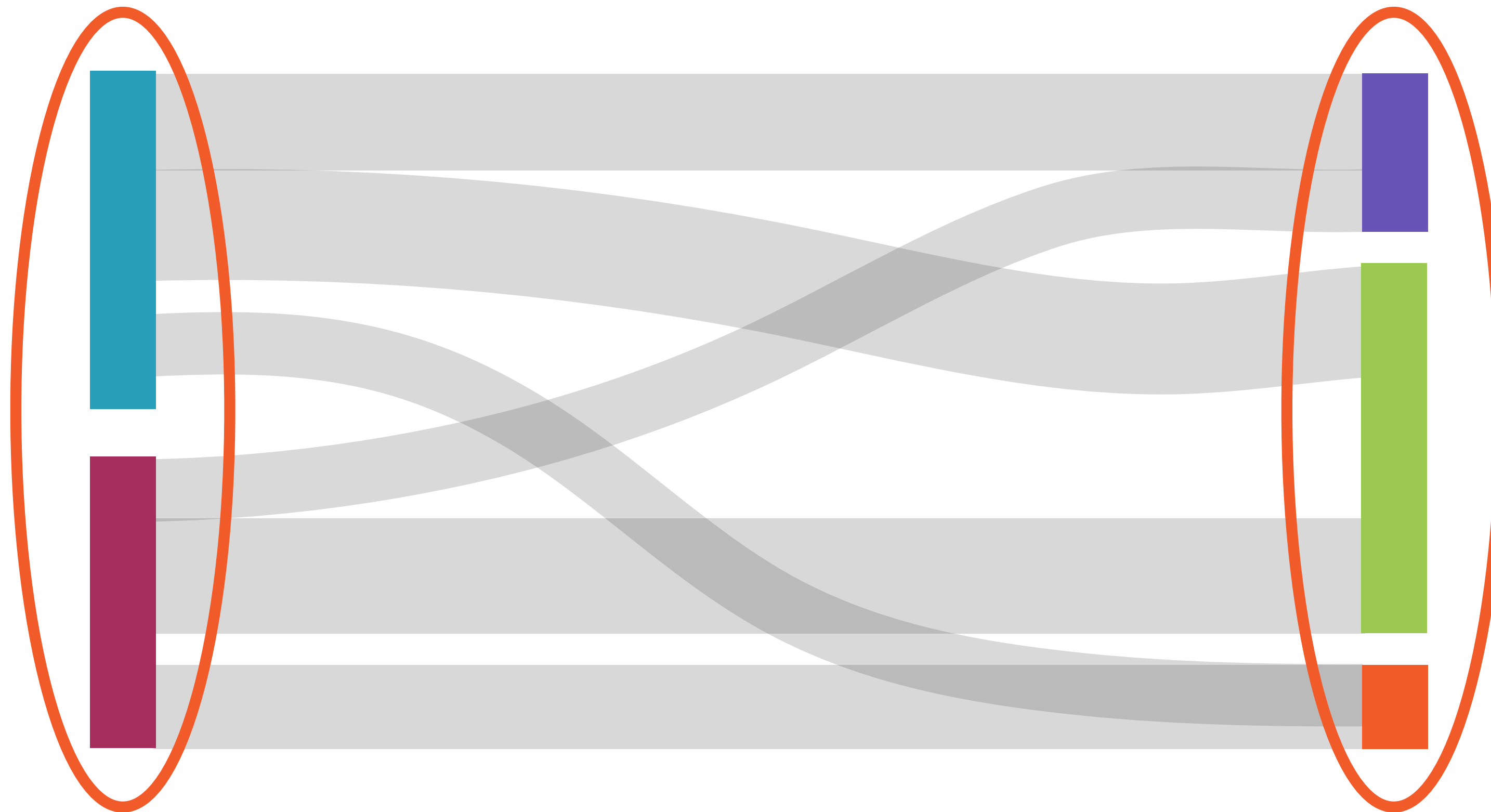
Sankey Diagrams

Width of arrow indicates magnitude

Sankey Diagrams

The broader the arrow, the larger the flow

Sankey Diagrams

Depict a flow from one set of values to another

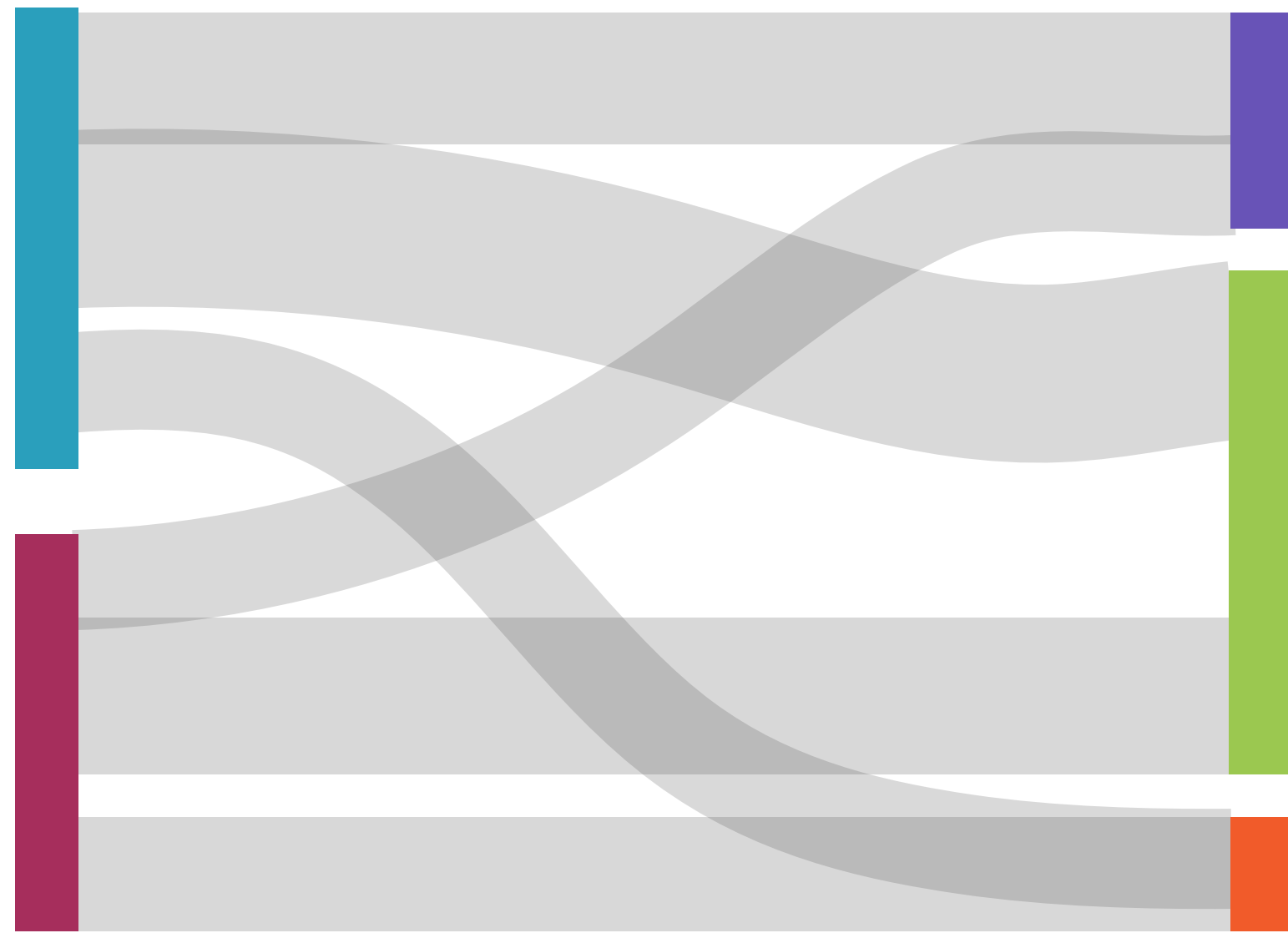# Sankey Diagrams

Nodes

Sankey Diagrams

Connections

Use of Sankey Diagrams

Used to depict

- Transfers within a system

- Many-to-many mapping between two domains

- Multiple paths through a set of stages

Demo

Sankey diagrams

Demo

3D scatter plots

Demo

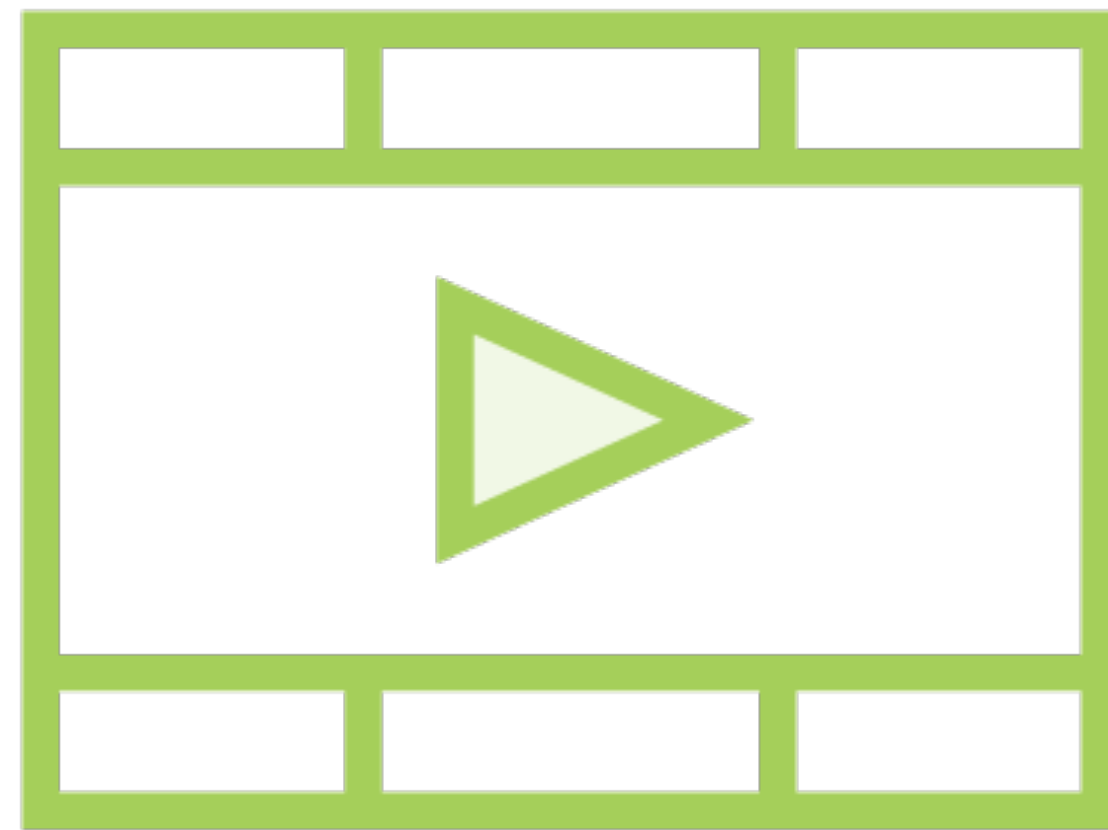**3D surface plots**

Demo

Animations

Summary

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Animating plot visualizations

Related Courses for Further Study

Visualizing Statistical Data Using Seaborn

Pandas Fundamentals

Building Machine Learning Models in Python with scikit-learn