# Data Visualization

## Overview

This folder contains resources and examples for visualizing data using libraries like Matplotlib, Seaborn, and Plotly.

## Content

- \*\*matplotlib\_examples.py\*\*: Examples of various plots and visualizations using Matplotlib.

- \*\*seaborn\_examples.py\*\*: Demonstrates advanced plotting with Seaborn.

- \*\*plotly\_interactive.ipynb\*\*: Interactive plots and visualizations using Plotly.

## Purpose

To learn and implement data visualization techniques for effective data communication and analysis.

## References

- [Matplotlib Documentation](https://matplotlib.org/stable/contents.html)

- [Seaborn Documentation](https://seaborn.pydata.org/)

- [Plotly Documentation](https://plotly.com/python/)

## Usage

Run the `.py` files or `.ipynb` notebooks to generate and view visualizations. Experiment with different plots and styles.