

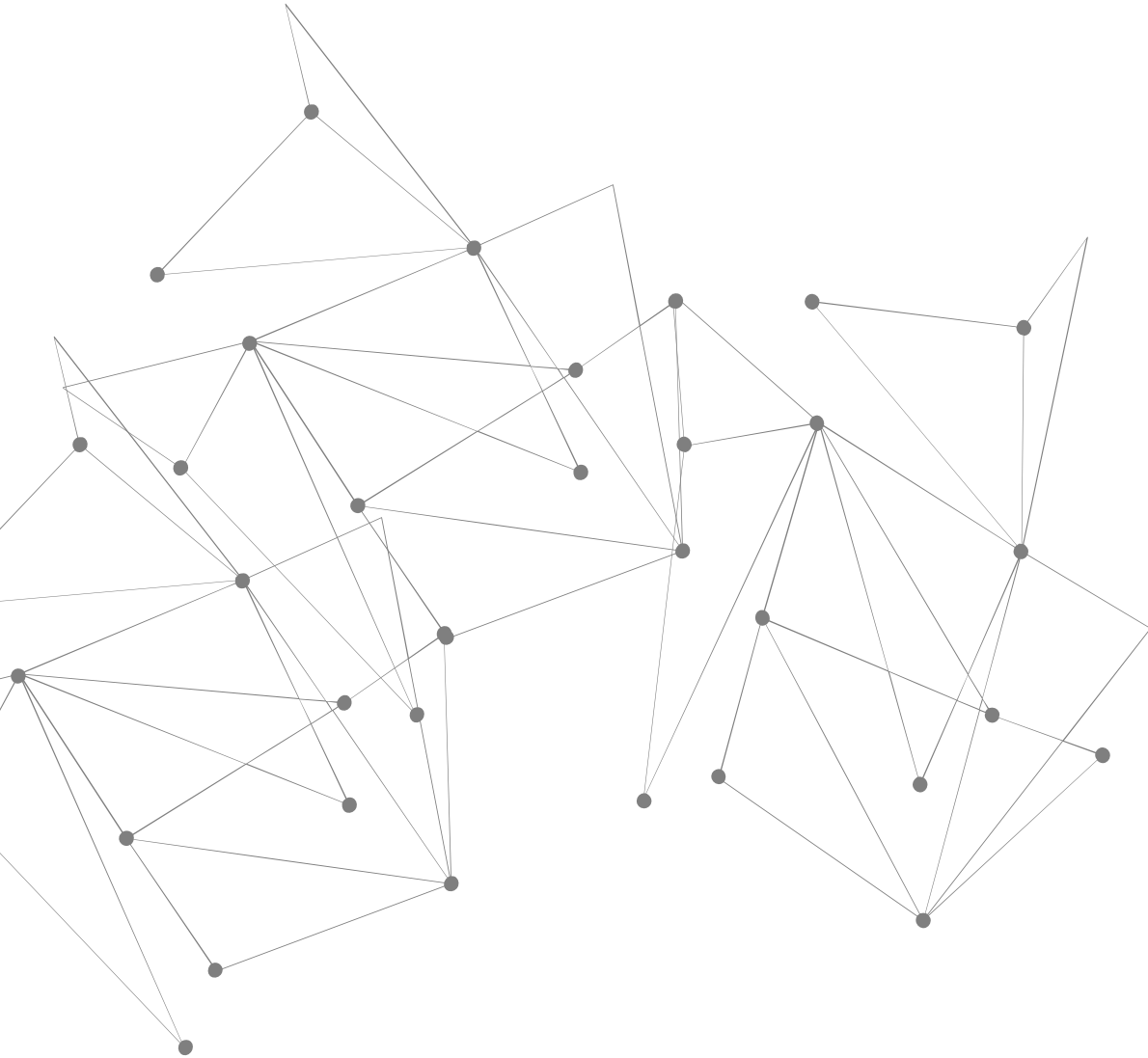
An abstract graphic of a network or data structure. It features a dense web of interconnected nodes and lines, rendered in shades of blue and white against a dark blue background. The nodes vary in size and brightness, creating a sense of depth and complexity. The lines are thin and light blue, connecting the nodes in a complex, non-linear fashion. The overall effect is a futuristic, digital representation of a network.

Data Science

**Marek Šturek**

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# Welcome



- **Data Science Portfolio**
- **Dashboard Examples**
- **ML/DL Application**
- **Data Visualization**

# Data Science Portfolio

## Languages



## Collaboration



## AI/ML/DL



Amazon SageMaker

## Platforms



## Query/DB



PostgreSQL

## Frameworks



## Visualization



plotly



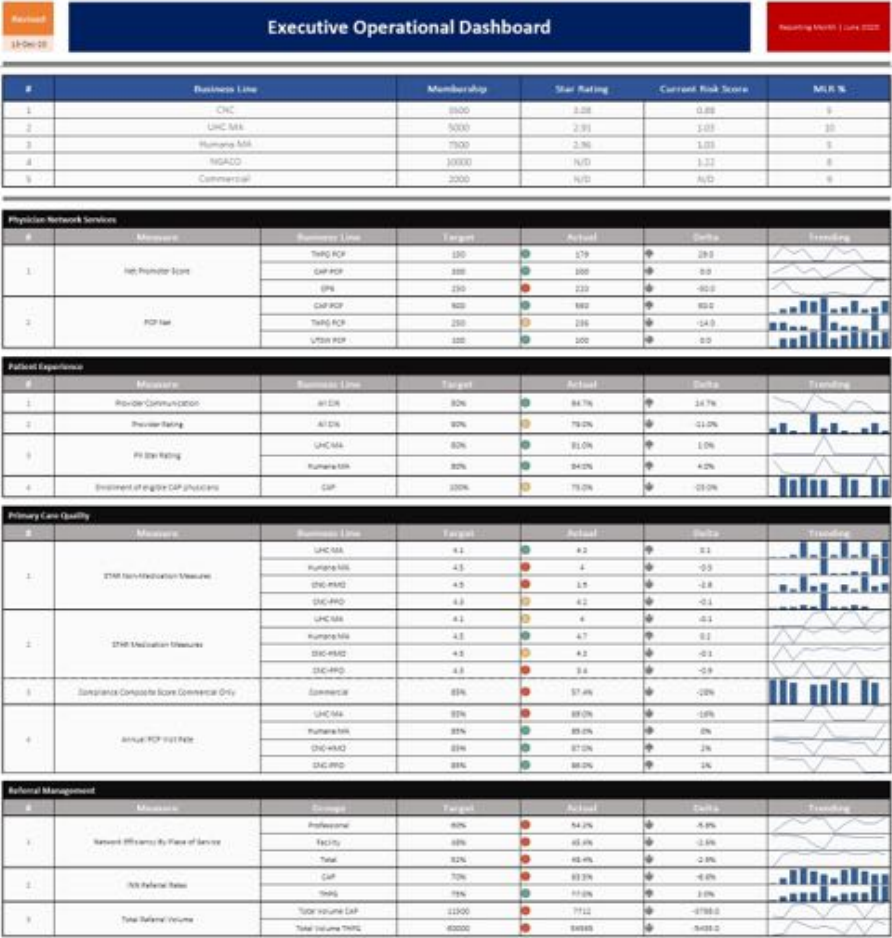


# Dashboards | 1/2

Annual insurance company summary analysis

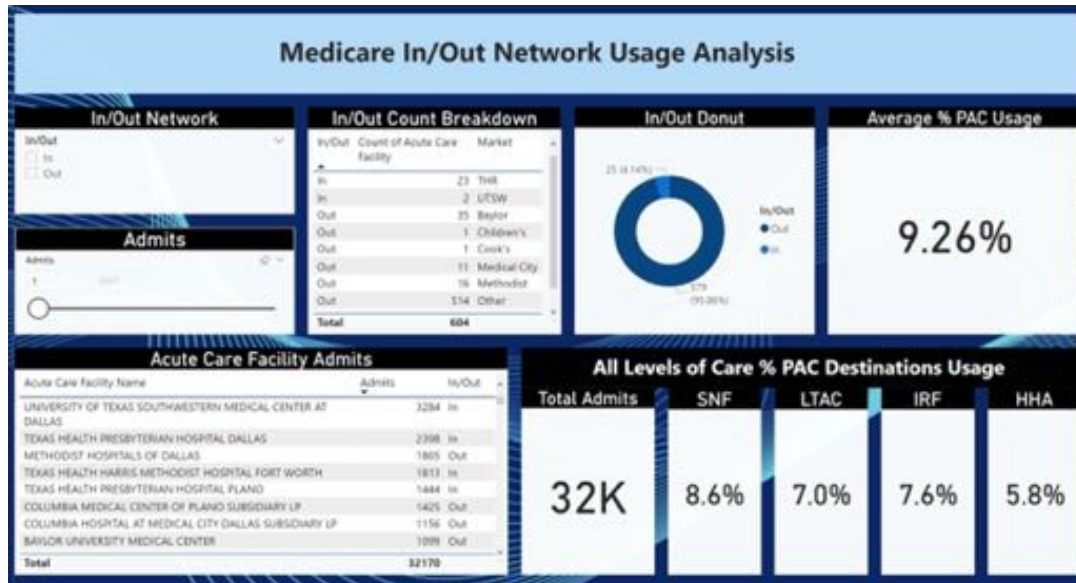


Monthly operation performance assessment

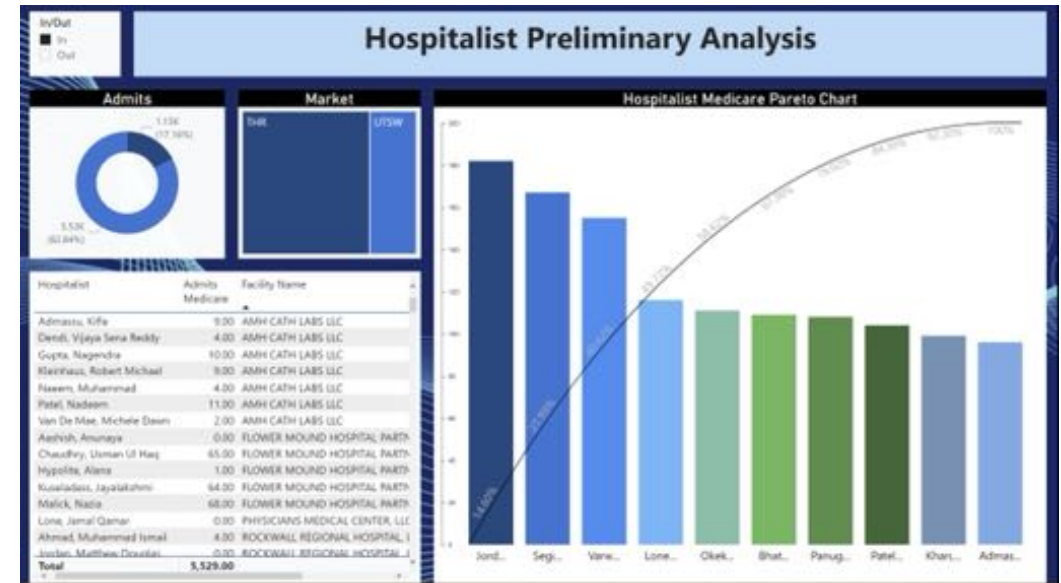


# Dashboards | 2/2

## Post-Acute Care Network Usage Analysis



## Network Hospitalists Pareto Chart



# ML/DL Application | 1/2

## Communication

[Spam Classifier](#)

[Yelp Reviews](#)

[YouTube Comments](#)

[Reviews Satisfaction](#)

## Finance

[Avocado Prices](#)

[Car Purchasing](#)

[Sales Prediction](#)

[Ice Cream Revenue](#)

[Stocks Prediction](#)

## Marketing

[Sales Platform](#)

[Market Segmentation](#)

## Community

[Bikes Rental Usage](#)

[Crime Prediction](#)

[Fashion Classification](#)

[House Pricing](#)

# ML/DL Application | 2/2

## Creative

[Movie Recommender](#)

[Deep Dream Images](#)

[Detect Smiling Faces](#)

[GANs Images](#)

## Healthcare

[Brain Tumor](#)

[Hearth Disease](#)

[Chest Disease](#)

[Diabetes Classification](#)

[Pneumonia Classification](#)

## Human Resources

[Employees Retention](#)

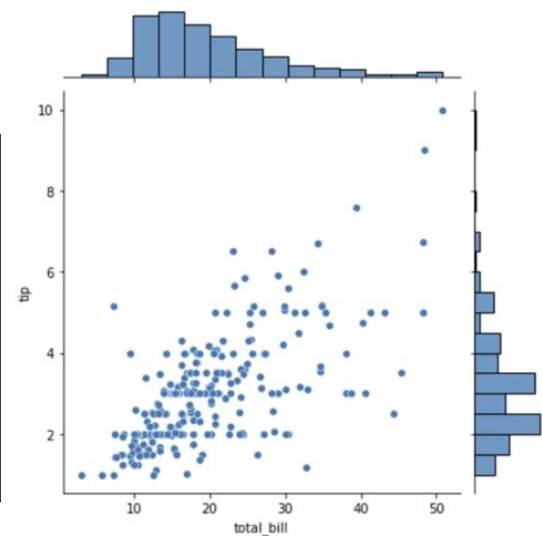
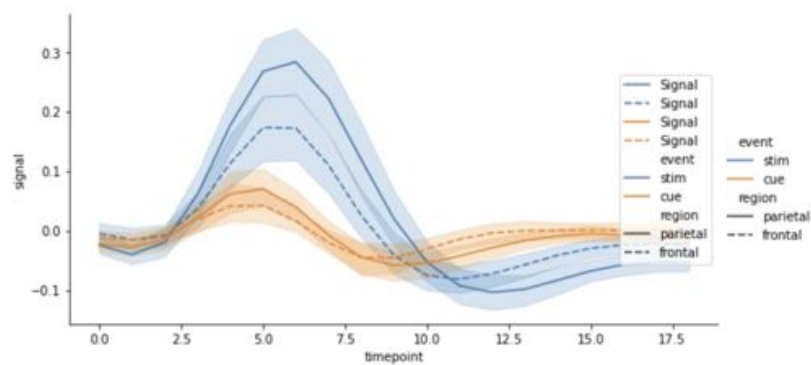
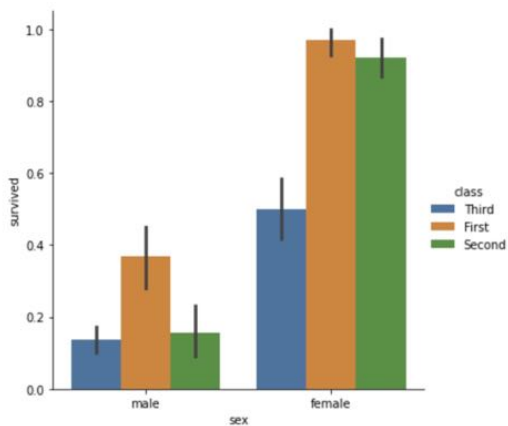
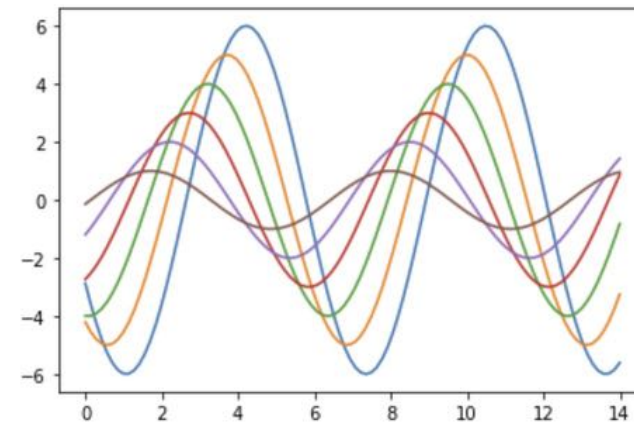
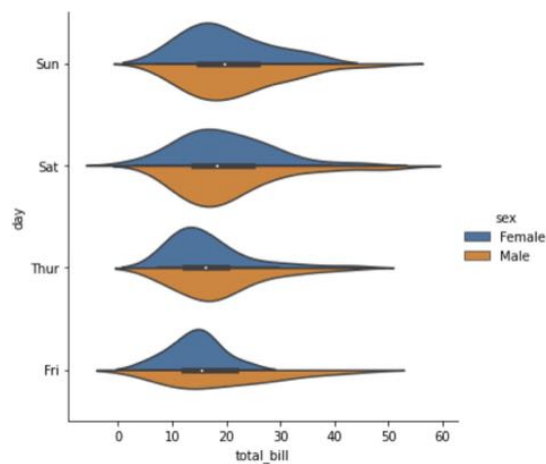
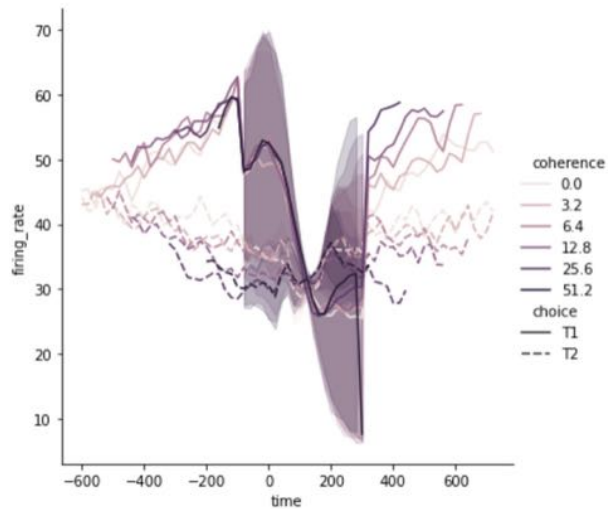
## Transportation

[Traffic Signs](#)



# Visualization | 1/3

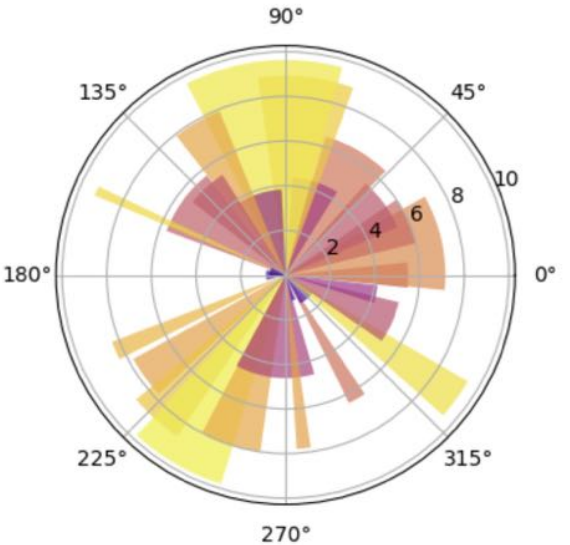
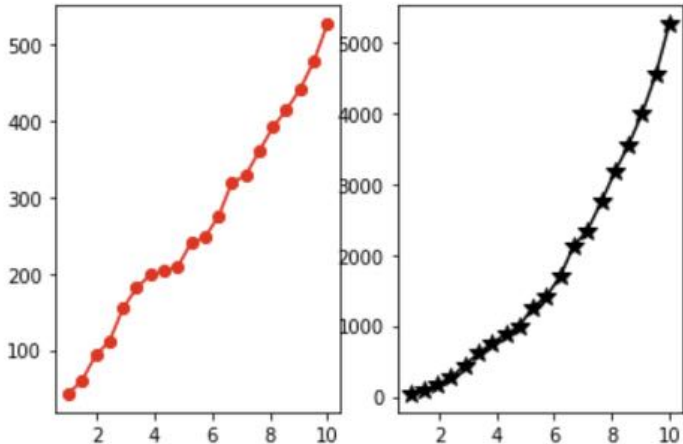
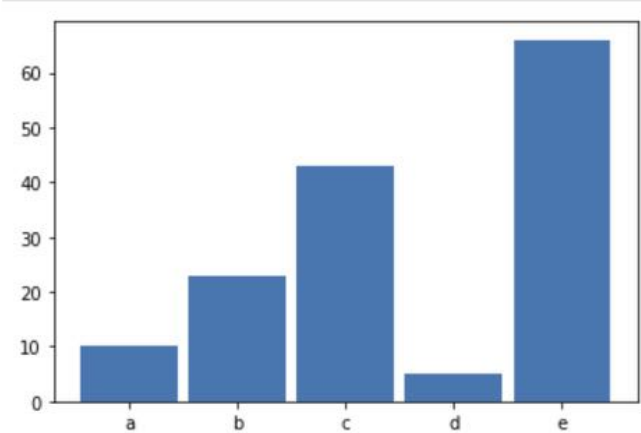
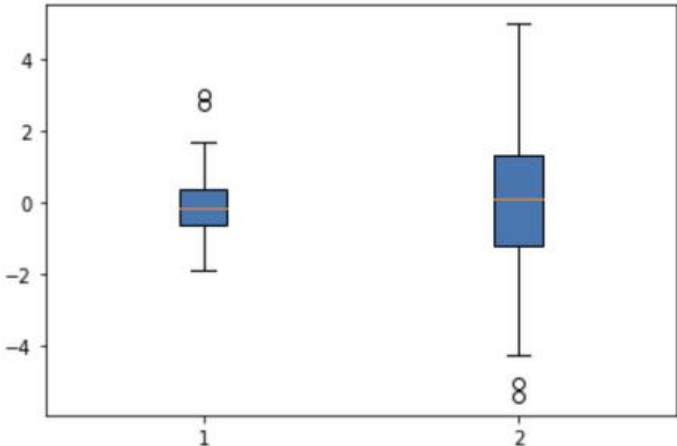
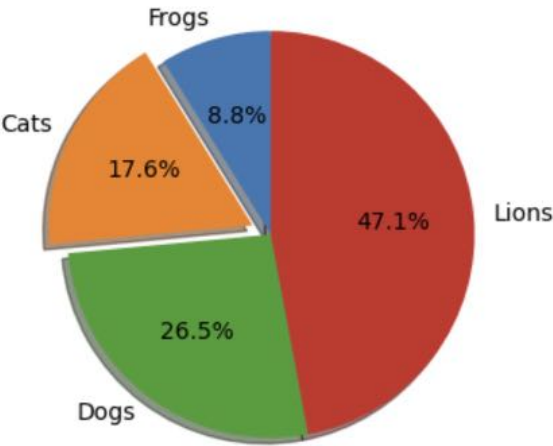
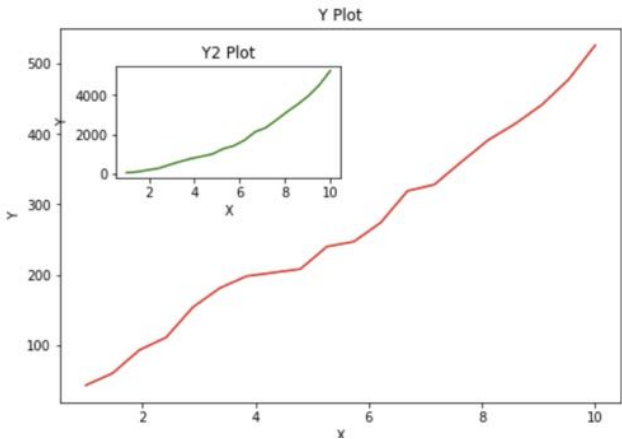
## Seaborn Examples





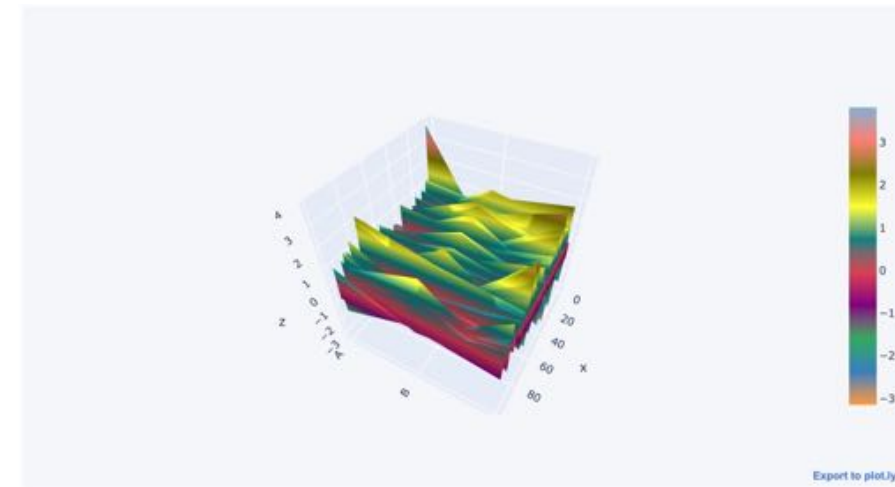
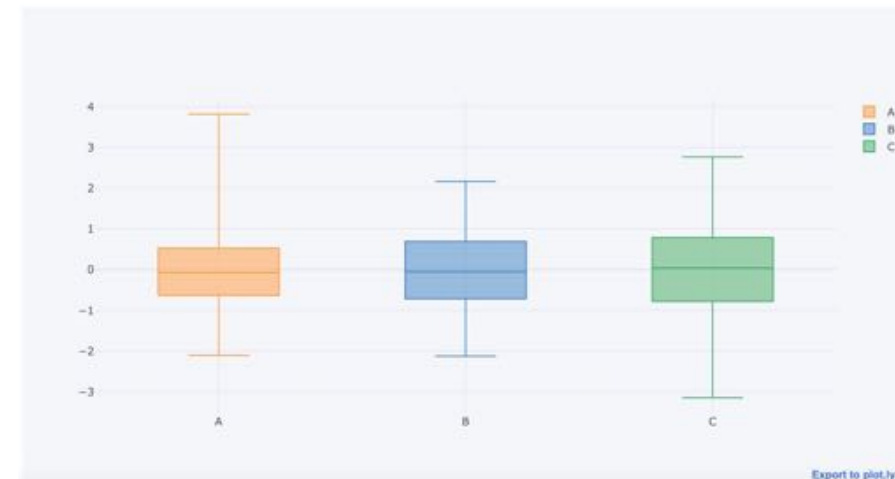
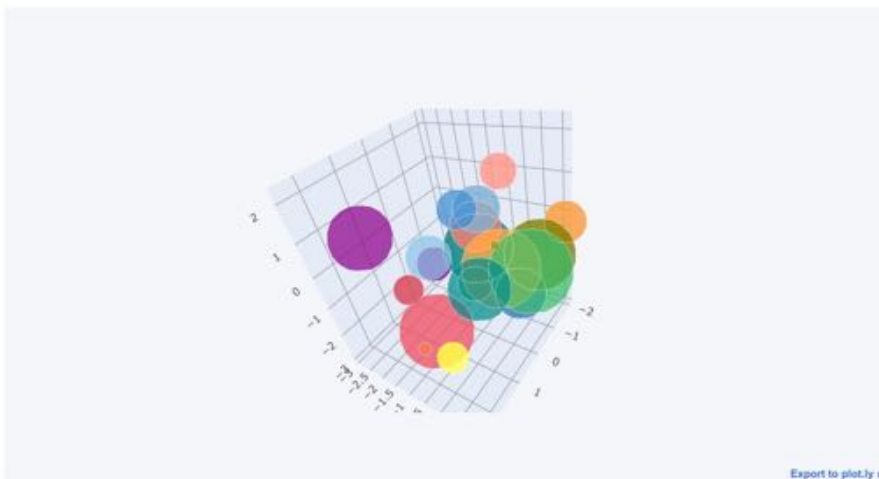
# Visualization | 2/3

Matplotlib Examples



# Visualization | 3/3

## Plotly Examples





Thank you & Questions