

Welcome Back

1. Matplotlib

2. Seaborn

3. Hypothesis testing

Scipy

Different Graphs in matplotlib

1. Line chart

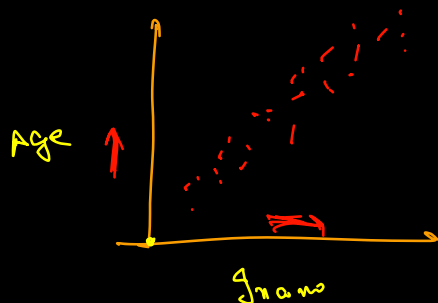
⇒ used to analyze trend in the data

2. Bar plot

3. Histogram

4. Scatter plot

How co-related 2 numerical variables are



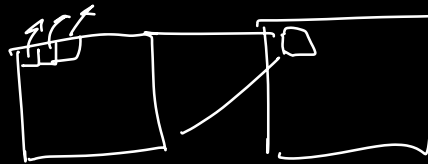
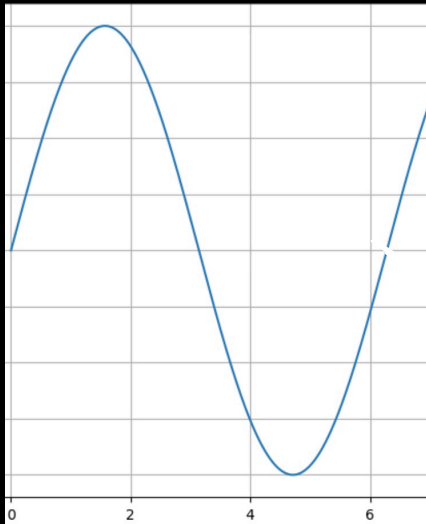
## Subplot in matplotlib

allows us to easily create subplots in the same figure

3 parameters

1. N rows
2. N columns
3. Plot number

## Object Based approach



# Seaborn

→ Python statistical graphics library

Sns

⇒ Build on top of matplotlib

↳ It incorporates plt with pandas

⇒ Its plotting function work on datarooms & array containing entire datasets.

It internally perform the mapping, aggregation & gives you informative plots.

	Matplotlib	Seaborn
Use Case	Plotting graph	Plotting <u>graphs</u> subsetting of & np
Flexibility	Highly customizable	Seaborn gives you default theme & color
Multiple fig	Subplot fig, axes	default in many codes

ease of  
use /  
syntax

Complex

Simple syntax

& default rui