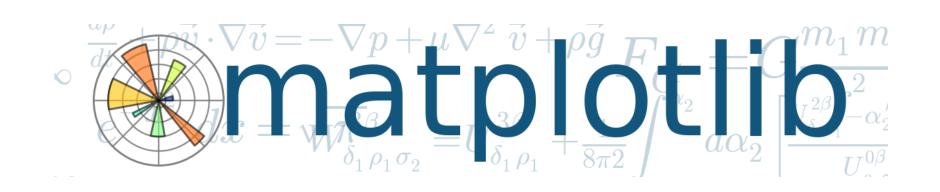
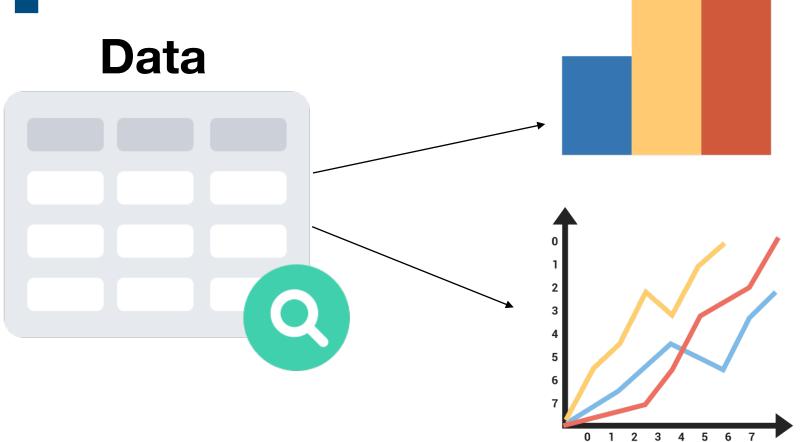
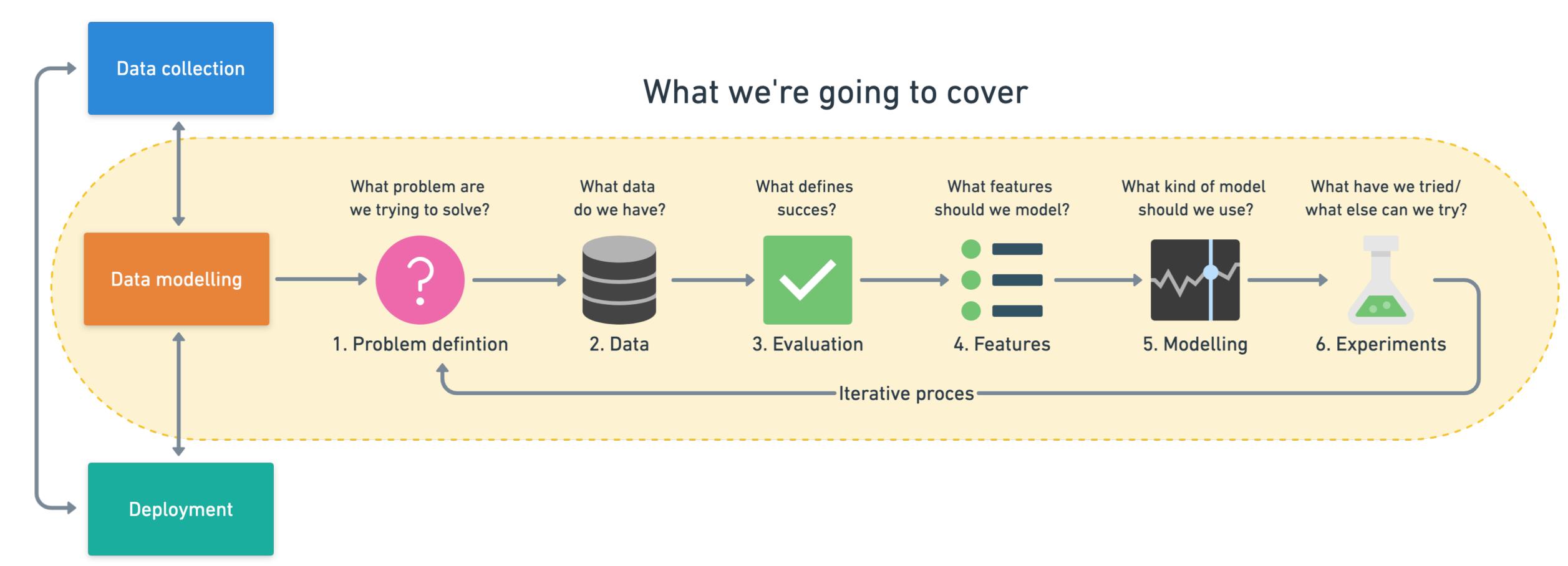
### What is Matplotlib?

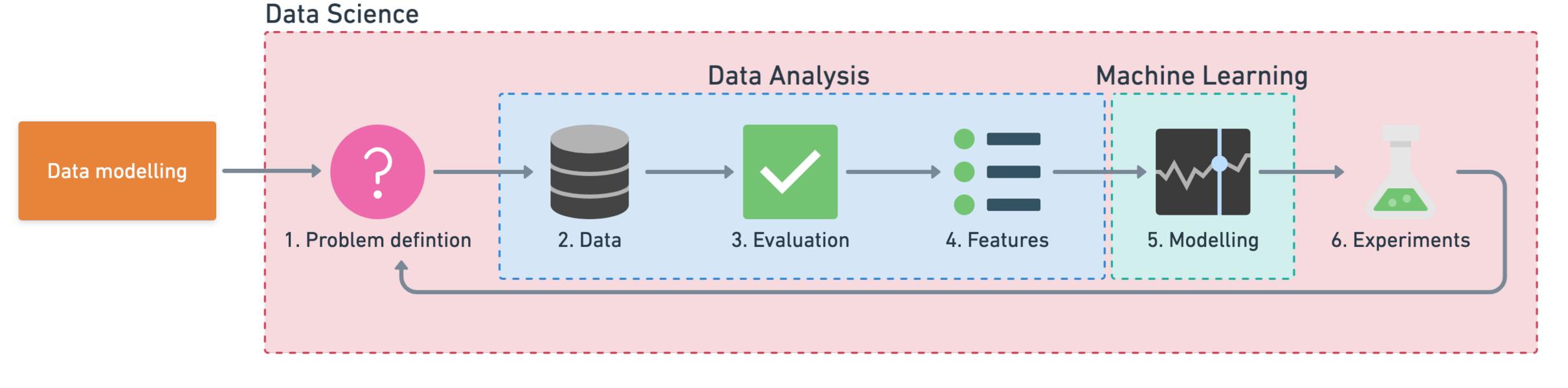


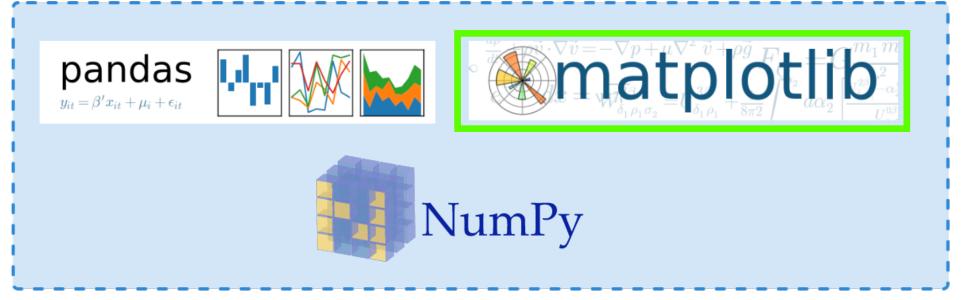


#### Steps in a full machine learning project



#### Tools you can use







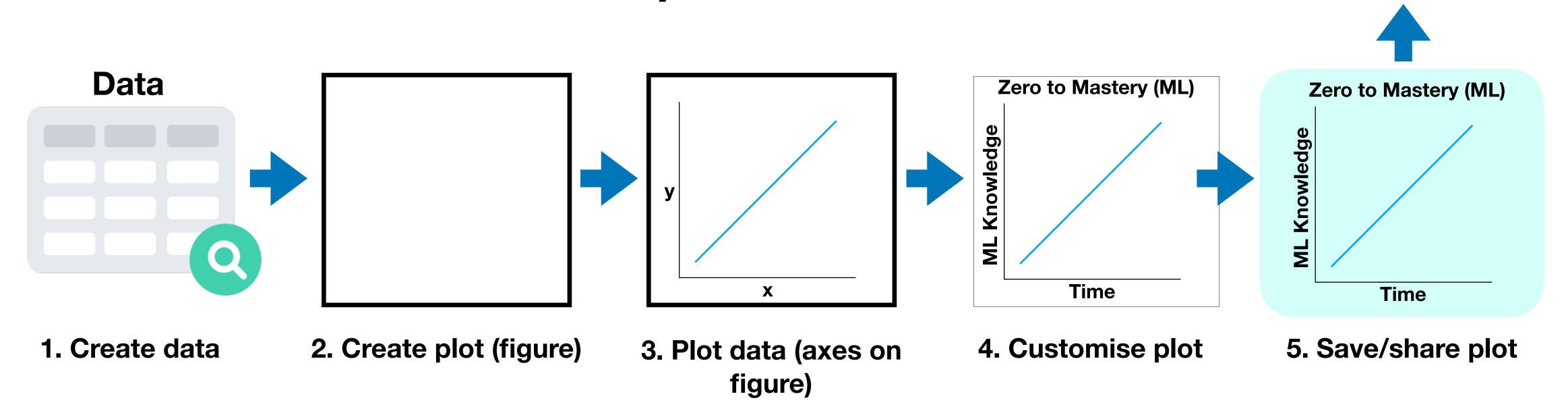


#### Why Matplotlib?

- Built on NumPy arrays (and Python)
- Integrates directly with pandas
- Can create basic or advanced plots
- Simple to use interface (once you get the foundations)

#### What are we going to cover?

#### A Matplotlib workflow

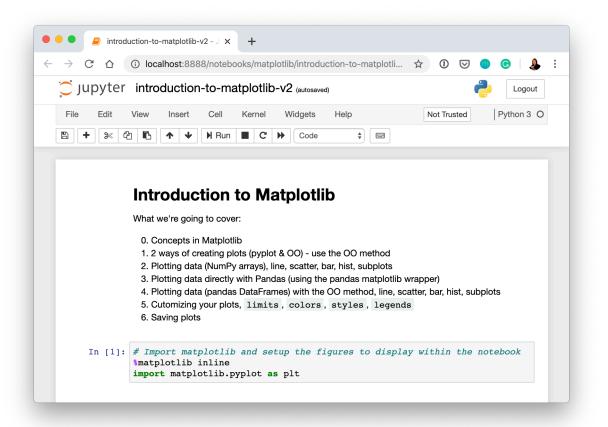


#### What are we going to cover?

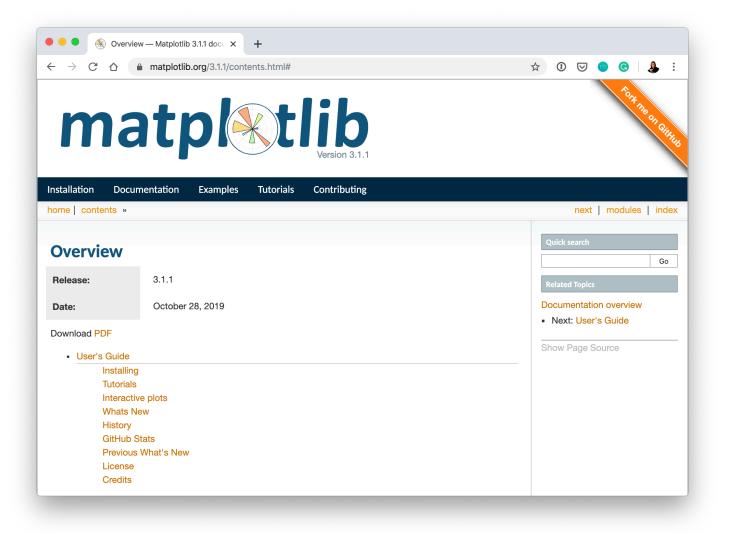
- Matplotlib workflow
- Importing Matplotlib and the 2 ways of plotting
- Plotting data from NumPy arrays
- Plotting data from pandas DataFrames
- Customizing plots
- Saving and sharing plots

# Where can you get help?

- Follow along with the code
- Try it for yourself
- Search for it
- Try again
- Ask

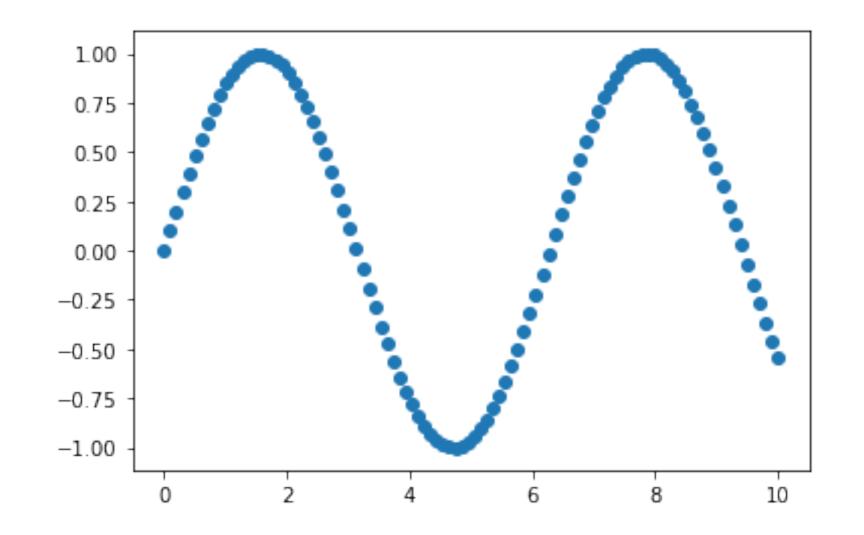




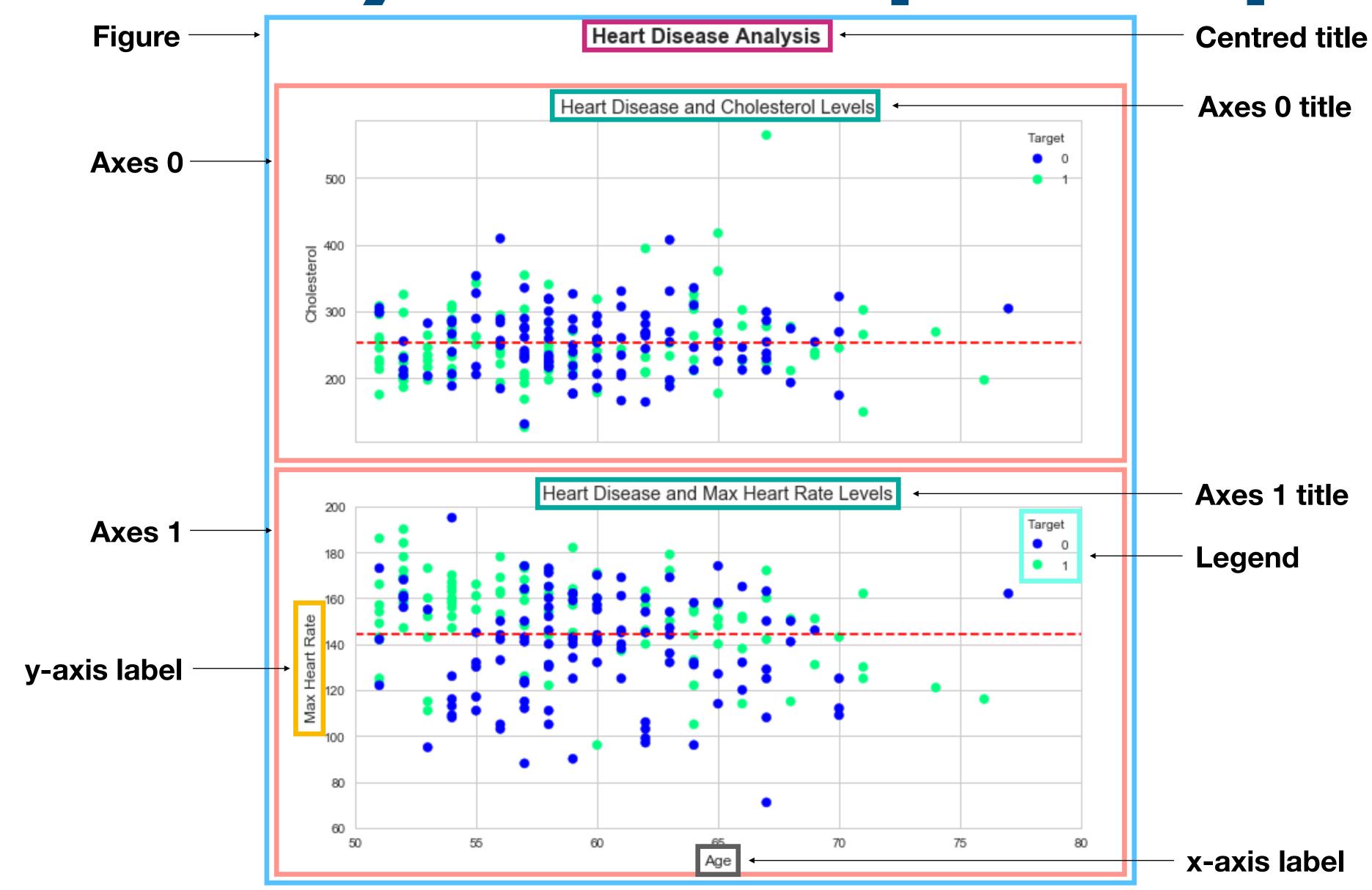


#### Let's plot!





### Anatomy of a Matplotlib plot



## Anatomy of a Matplotlib plot

