DATA ANALYST:
Setting up the environment

- Install Anaconda here
- Run the following commands in the Terminal

```
conda upgrade conda
conda upgrade --all
```

- If you are seeing the following "conda command not found"
  Add export PATH="/Users/username/anaconda/bin:$PATH" to your .zsh_config file.

Jupyter notebooks

Adam-p's Markdown Cheat sheet on GitHub

Data Cleaning

Removing **Null** values

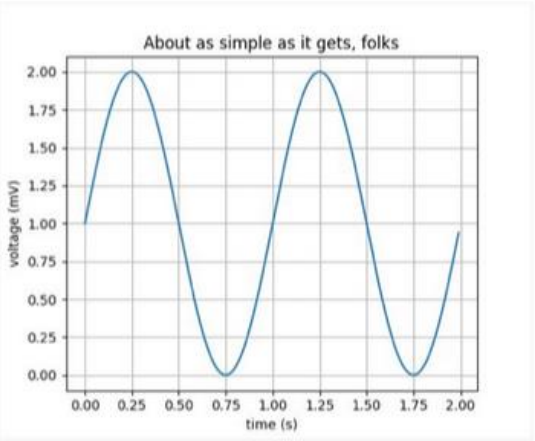
new_data = data.dropna(axis = 0, how ='any')

Exploratory Data Analysis

Exploratory Data Analysis (EDA) is an approach to analyzing data sets to summarize their main characteristics, often with visual methods. A statistical model can be used or not, but primarily EDA is for seeing what the data can tell us beyond the formal modeling or hypothesis testing task.

Visualizations

Plotting a simple function using matplotlib




```
import matplotlib.pyplot as plt
import numpy as np

t = np.arange(0.0, 2.0, 0.01)
s = 1 + np.sin(2*np.pi*t)
plt.plot(t, s)

plt.xlabel('time (s)')
plt.ylabel('voltage (mV)')
plt.title('About as simple as it gets, folks')
plt.grid(True)
plt.savefig("test.png")
plt.show()
```

REFERENCES

- Pandas
- Numpy