DATA ANALYST:

Setting up the environment

- Install Anaconda [here](#)
- Run the following commands in the Terminal

  ```
  conda upgrade conda
  conda upgrade --all
  ```
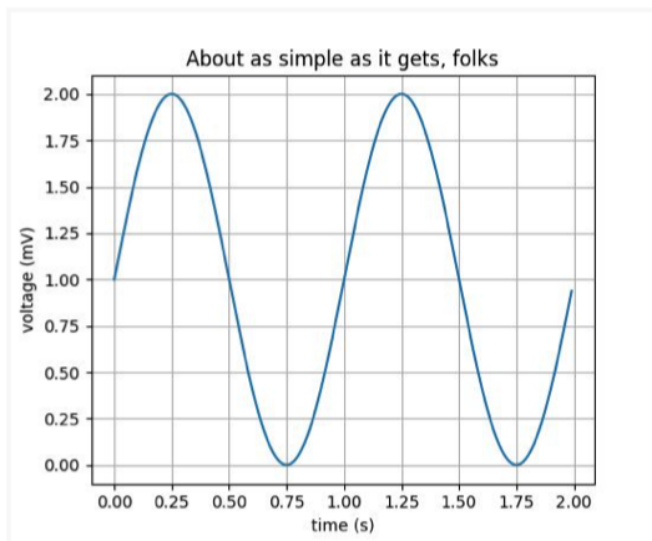
- If you are seeing the following "conda command not found", add:

  ```
  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


```python
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](#)