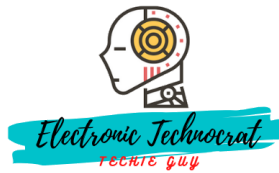


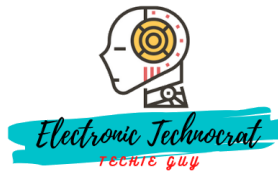
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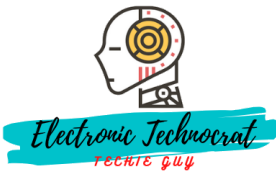
MATPLOTLIB

matplotlib



- **Matplotlib is a Python library that uses Python Script to write 2-dimensional graphs and plots.**
- **Often mathematical or scientific applications require more than single axes in a representation.**
- **This library helps us to build multiple plots at a time.**
- **You can, however, use Matplotlib to manipulate different characteristics of figures as well.**



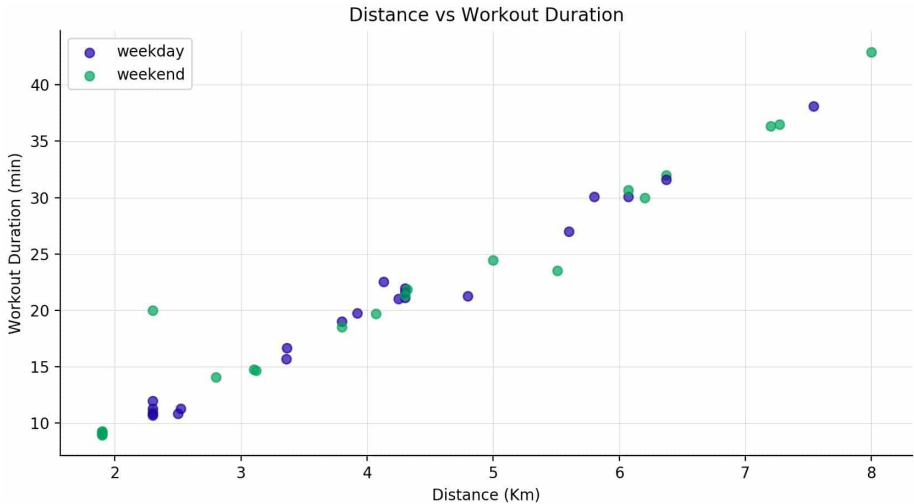


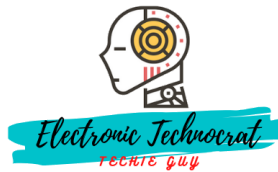
FEATURES OF MATPLOTLIB

- **Matplotlib can create such quality figures that are really good for publication. Figures you create with Matplotlib are available in hardcopy formats across different interactive platforms.**
- **You can use Matplotlib with different toolkits such as Python Scripts, IPython Shells, Jupyter Notebook, and many other four graphical user interfaces.**



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- A number of third-party libraries can be integrated with Matplotlib applications. Such as seaborn, ggplot, and other projection and mapping toolkits such as a base map.
- An active community of developers is dedicated to helping you with any of your inquiries with Matplotlib. Their contribution to Matplotlib is highly praisable.



MATPLOTLIB 3.3.3

To install, type:- **pip install matplotlib**