

DATA VISUALIZATION







What is data visualization why is it needed

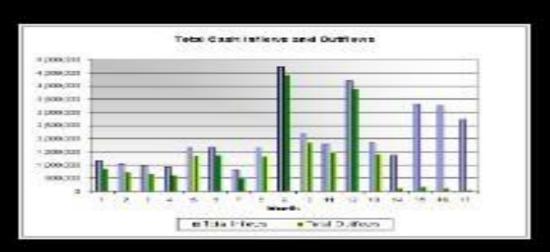




ID.	NAME	CLASS	MARK	SEX
	John Doo .	Four	76	forsolo
2	Max Ruin	Three	- 65	anale:
3.	Amelé	Timee	90	enato:
- 4	Krish Star	Four	-00	Semode
.5	John Wiles	Four	60	tomade
- 6	Alex John	Four	86	male
T	May Jipan Rob	Eith	Te	moto
8	Assuid	Five	85	trade
9	Tes Cry	Sia	799	erusie
90	Dig John	Four	85	toresto

WHENDIVISION





WHEN DATA IS IN PLOT



imgflip com

Python





Plotting data with Python:

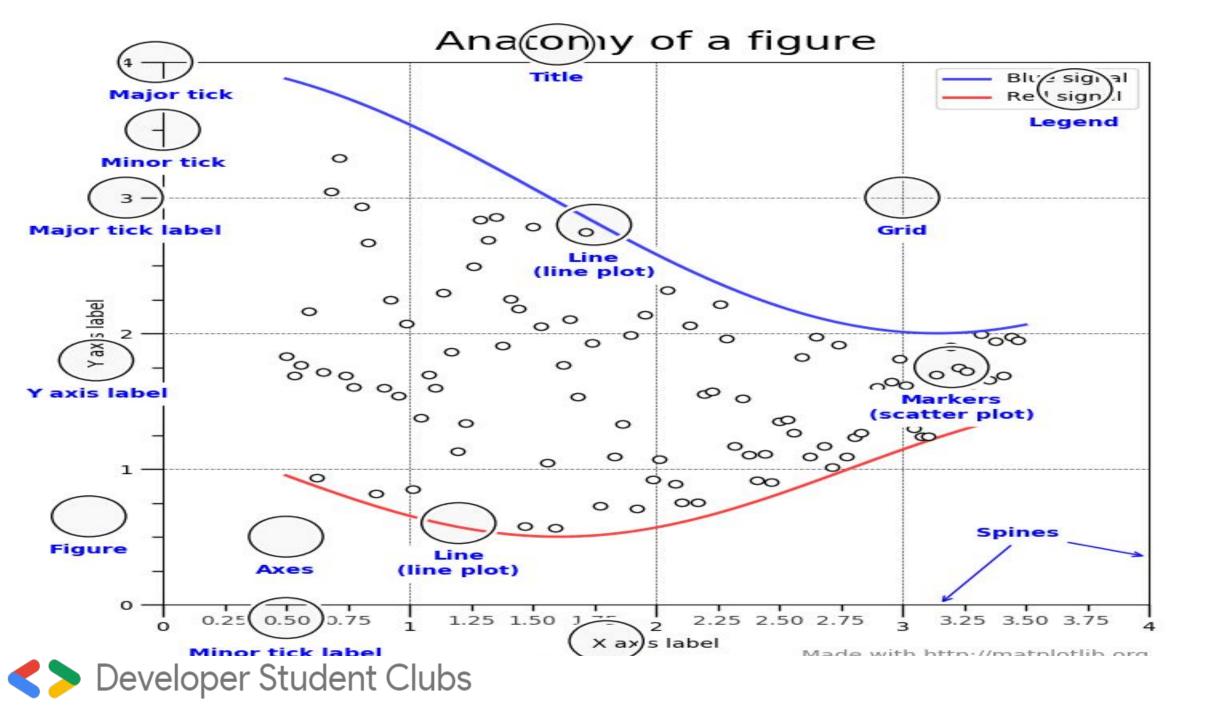
- Matplotlib
- Seaborn



Matplotlib Architecture

There are overall 3 different layers in the architecture of matplotlib as follows.

- Backend layer.
- Artist layer.
- Scripting layer.



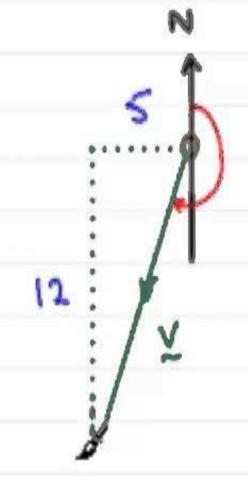
$$|et y = -5i - 12j$$

$$speed = |y|$$

$$= \sqrt{5^2 + 12^2}$$

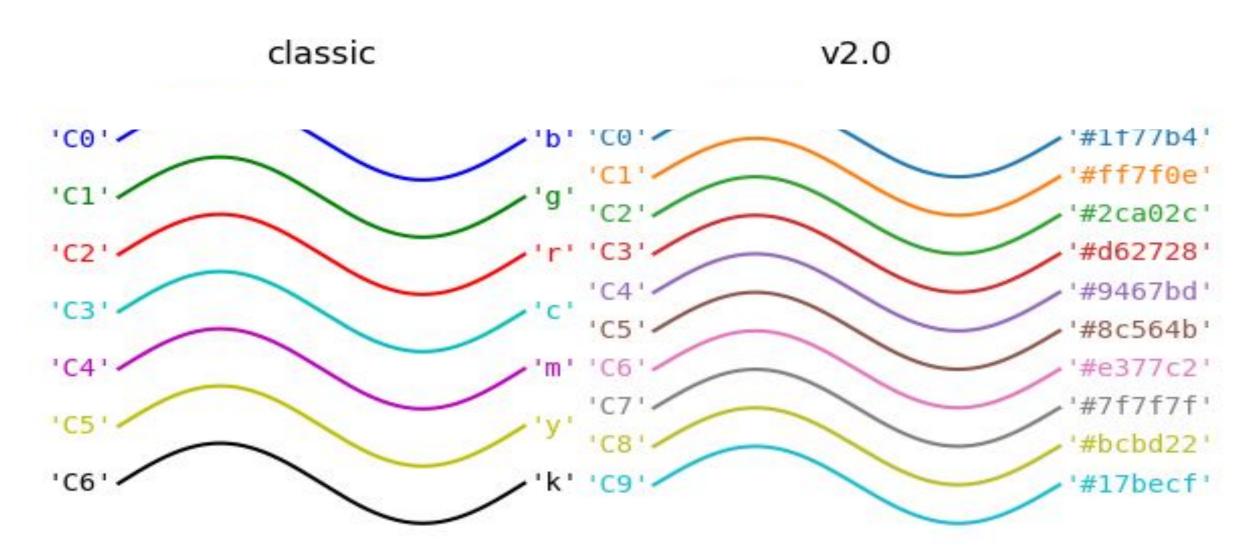
$$= \sqrt{169}$$

$$= 13 \text{ ms}^{-1}$$



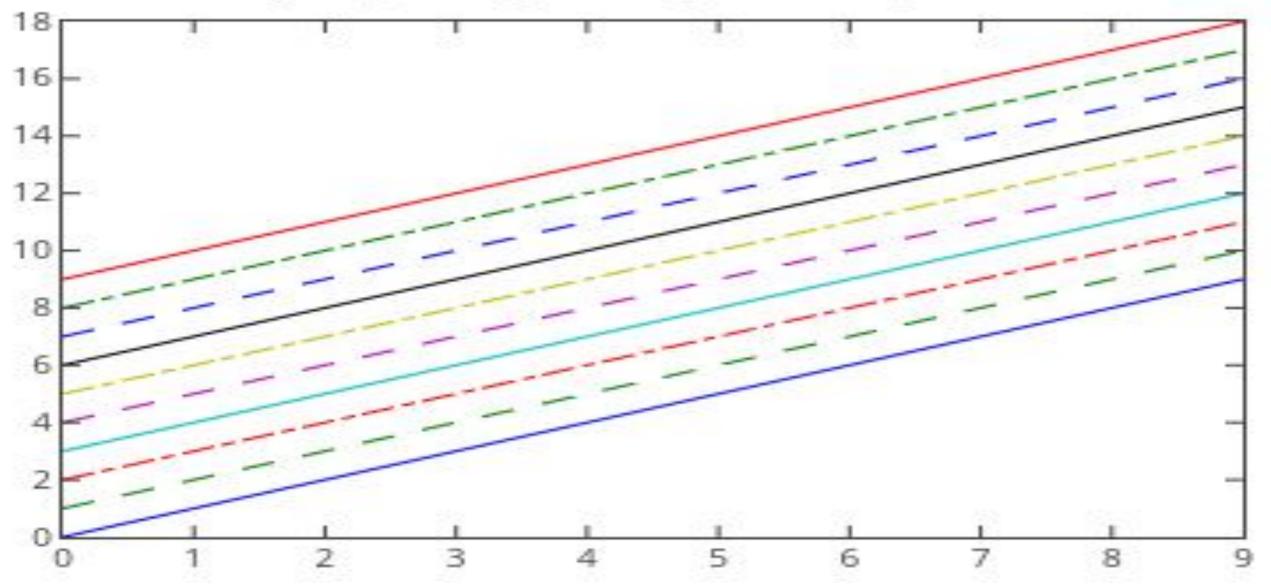


Colors





Cycling through line styles in matplotlib





Any Questions





Remember That #U_are_Our_mission



Google Developers

