

Language

MATLAB/Octave

Python

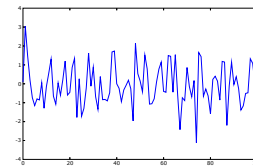
R

1d line plot

`plot(a)`

`plot(a)`

`plot(a, type="l")`

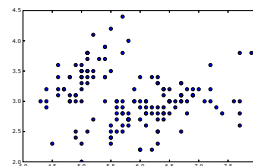


2d scatter plot

`plot(x(:,1),x(:,2),'o')`

`plot(x[:,0],x[:,1],'o')`

`plot(x[,1],x[,2])`

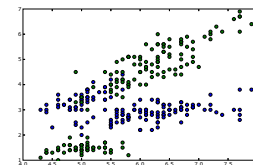


Two graphs in one plot
Overplotting: Add new plots to current

`plot(x1,y1, x2,y2)`
`plot(x1,y1)`
`hold on`
`plot(x2,y2)`
`subplot(211)`
`plot(x,y,'ro-')`

`plot(x1,y1,'bo', x2,y2,'go')`
`plot(x1,y1,'o')`
`plot(x2,y2,'o')`
`show()` # as normal
`subplot(211)`
`plot(x,y,'ro-')`

`plot(x1,y1)`
`matplot(x2,y2,add=T)`



subplots
Plotting symbols and color

`plot(x,y,type="b",col="red")`