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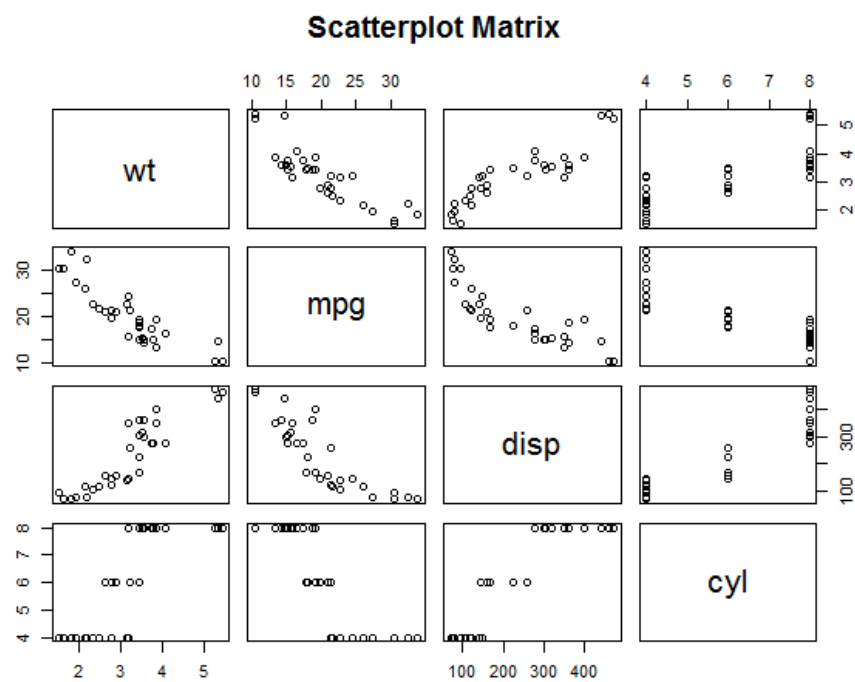
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How to Interpret the Scatterplot matrix in R

manojkrishna

Jun '17

I'm new to R prog. ... Can someone tell me how to understand the scatterplot matrix... what to consider as x-axis and y axis and how can i draw the conclusions from it ... the data is from "mtcars" default data in R ... considering the below picture... thanks in advance.



Nishant_S

Jun '17

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- Red box is a scatter plot of $x=wt$, $y=mpg$
- Sky Blue box is a scatter plot of $x=wt$, $y=disp$
- Purple box is a scatter plot of $x=wt$, $y=cyl$
- Pink box is a scatter plot of $x=disp$, $y=cyl$
(*see the pattern?*)
- Orange box is a scatter plot of $x=mpg$, $y=wt$
(*red box with switched axis*)

Plots on the right of the primary diagonal are mere switched scatter plots of those on the left of the diagonal.

Hope this helps.