

Agenda

① Subplots and Axes

② Multivariate

C C N

C N N

N N N

③ Jointplot

④ Pairplot

⑤ Correlation Heatmap

} Special plots

Subplots and Axes

2x3

↓
6

Subplot(1) / axes (0, 0)	Subplot(2) axes (0, 1)	Subplot(3) axes (0, 2)
Subplot(4) " axes (1, 0)	Subplot(5) " axes (1, 1)	Subplot(6) " axes (1, 2)

2, 3, 1

1, 3, 2 .

2, 3, 3

2, 3, 4

2, 3, 6

Col

Col

Col

1, 3
1

1, 3
2
2

1, 3
3

2

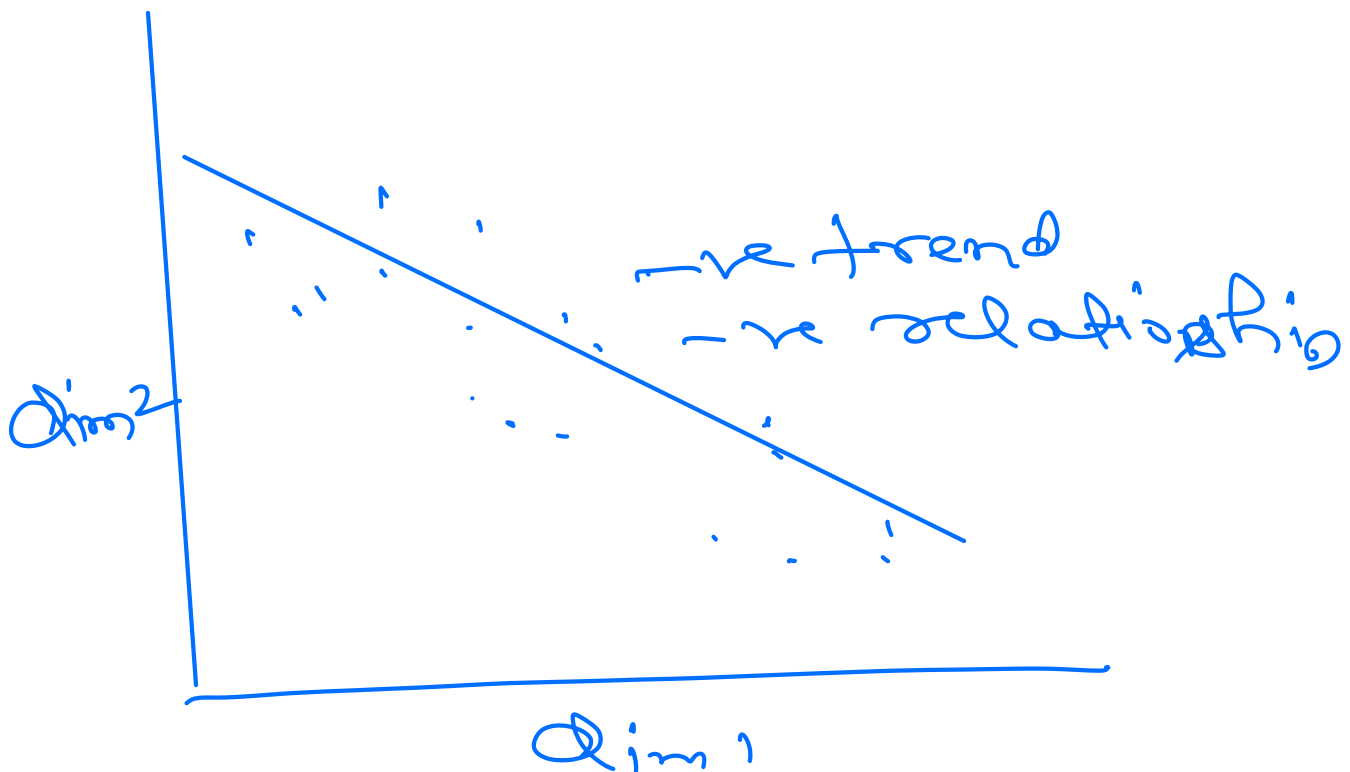
Jointplot

⑥ Scatter

⑥ Histogram

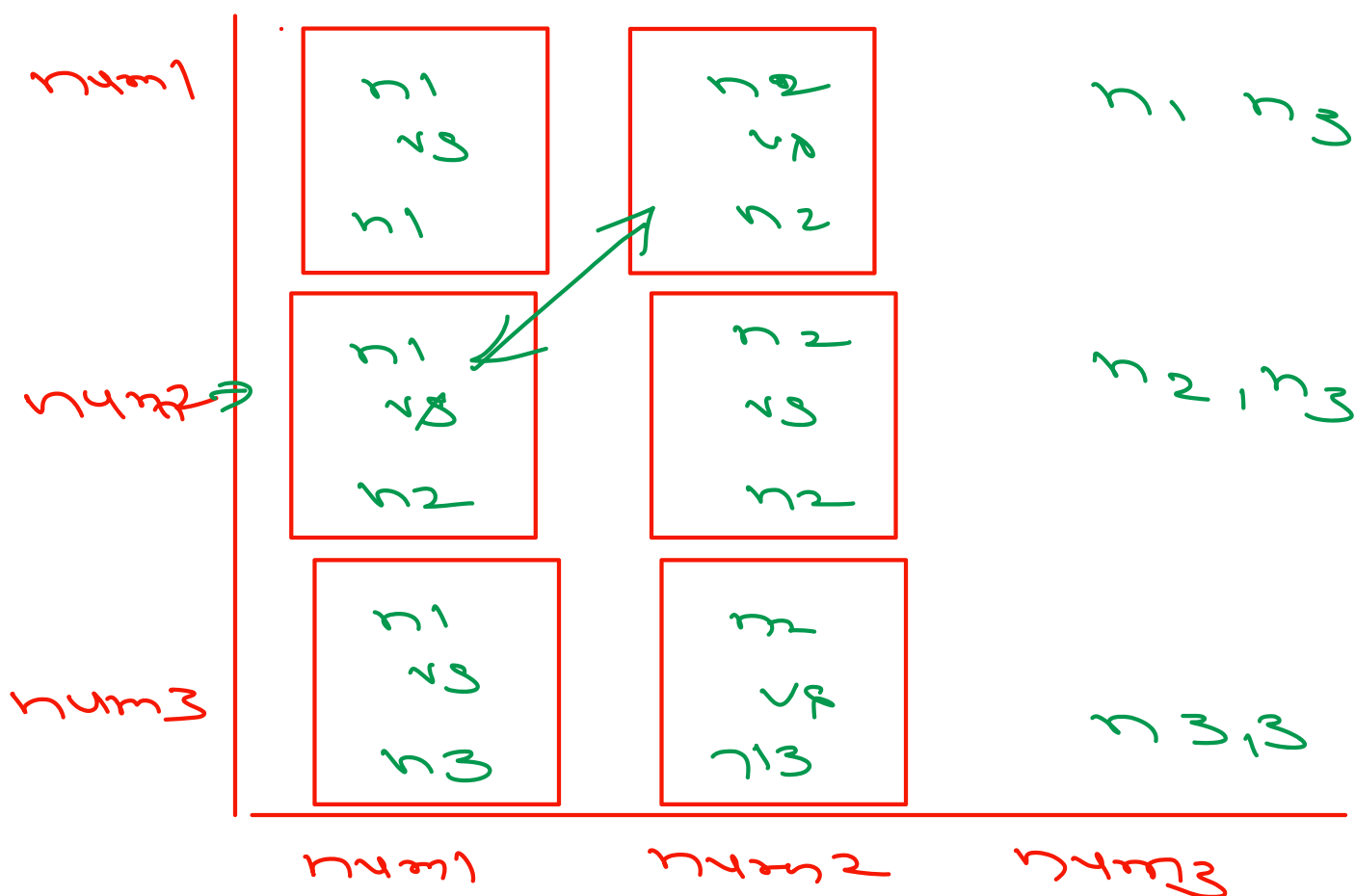
⑥ Kind \Rightarrow reg, kde,

3 in one plot
for
N N



Can we plot scatter for all numerical

① How many num-cols are there \Rightarrow 5 ^{Let's say}



3 dims \Rightarrow $3 \times 3 \Rightarrow$ 9 plot

pair plot



creates multiple
Scatter together

pearson correlation

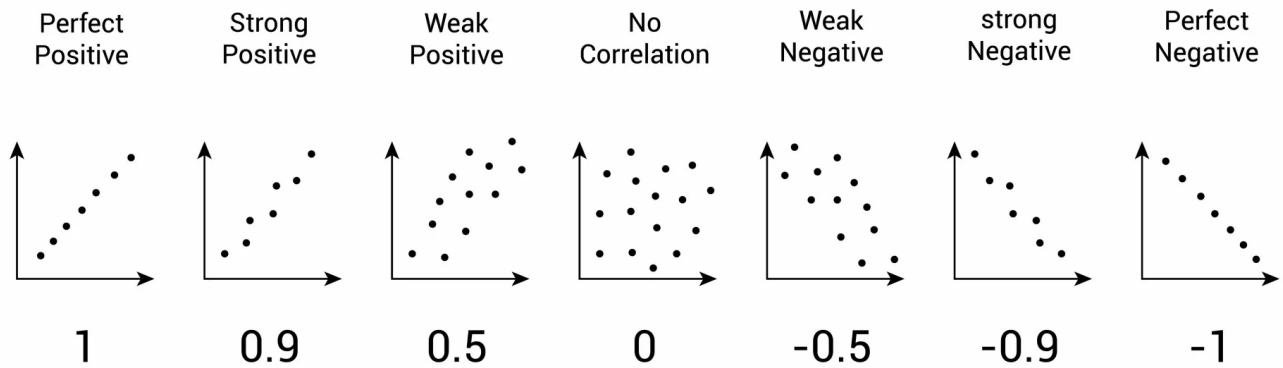


$(-1, 1)$

$1 \Rightarrow$ very strong positive relⁿ

$0 \Rightarrow$ No relationship

$-1 \Rightarrow$ Very strong negative relⁿ



Heatmap

- Plots Tabular Data
- Intensity of Color (Heat) defines the magnitude

$\mathbb{Q} \times 3$

