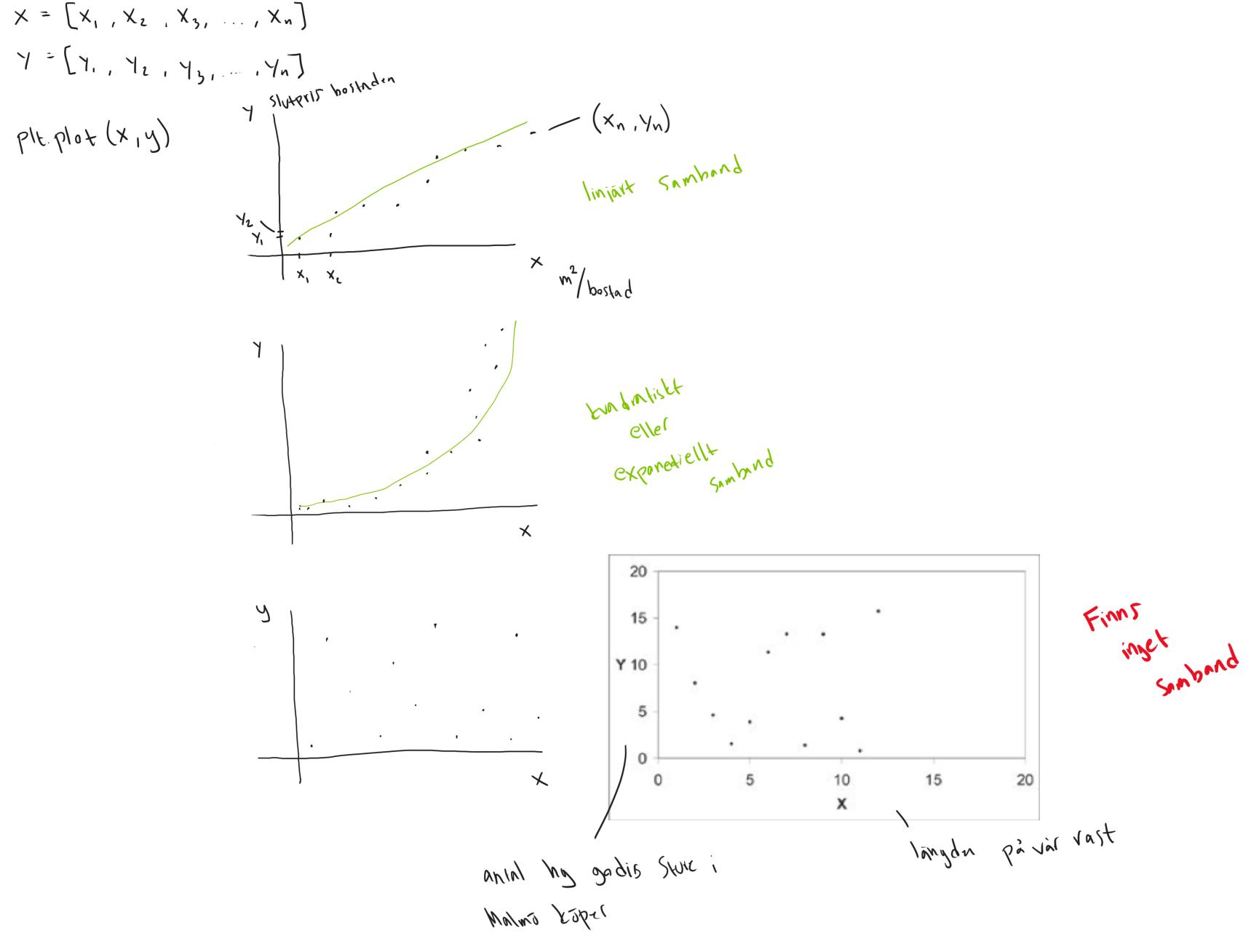
$\times = [X_1, X_2, X_3, \dots, X_n]$ 

Plt. Plot (x,y)



Korrelations koefficienten

$$\begin{cases}
\frac{SS_{xy}}{SS_{x}SS_{y}}
\end{cases}$$

$$S_{x} = \sum_{i=1}^{n} (x_{i} - \overline{x})^{2}$$

$$SS_{y} = \sum_{i=1}^{n} (y_{i} - \overline{y})^{2}$$

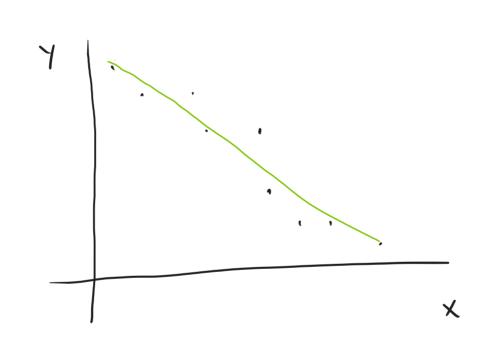
$$SS_{x,y} = \sum_{i=1}^{n} (x_{i} - \overline{x})(y_{i} - \overline{y})$$

-14141

V=1 -> Starlet possiblet samband | berrelation

r=0 >> Inget Samboard / Kulicialion

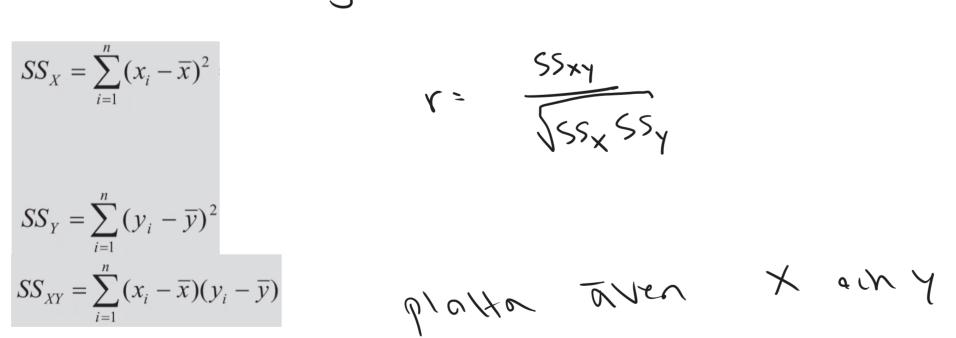
r=-1 -> Starlet negalit samband/barrelation

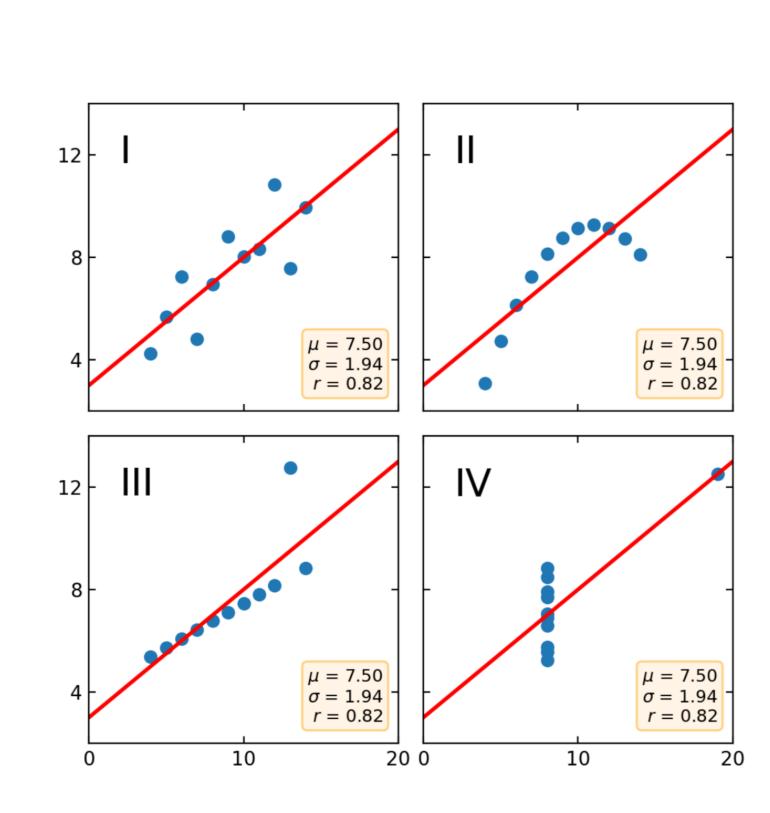


170 -> pasitut sambond/karrelation 120 -> negatut sambond/karrelation

Uppgit

Bygy on Cunction i Python som givet och ichnown the lister X,y berøkner korvelations koefficienten r





vol Colsietro

med el falkning

wed vonelation coelkiciontens