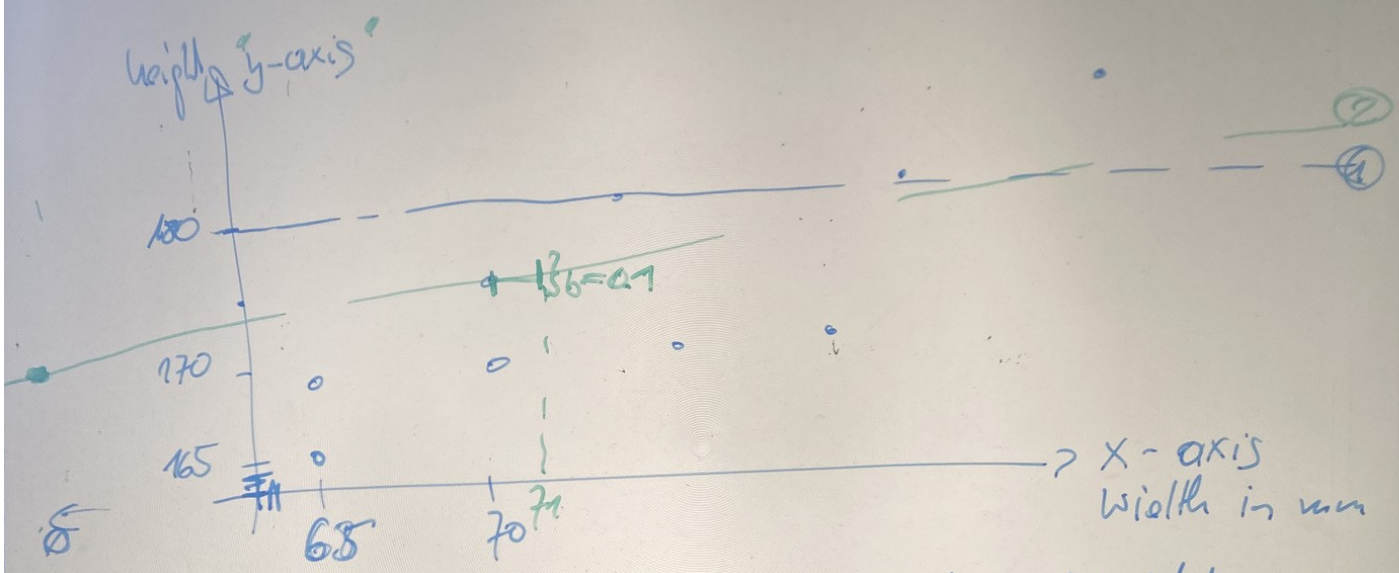


Dataset

- width $\rightarrow x$
 - height $\rightarrow y$
- Plot

Problem tells us



Goal: Linear relationship between width and height

Linear relationship is described by a straight line

Formal: $y = a + bx$

Annotations:

- y : height in cm
- a : unknown intercept
- b : unknown slope
- x : width in mm

Example: ① $a = 180$; $b = 0$
② $a = 170$; $b = 0.1$