

# 1 Warm-Up Question

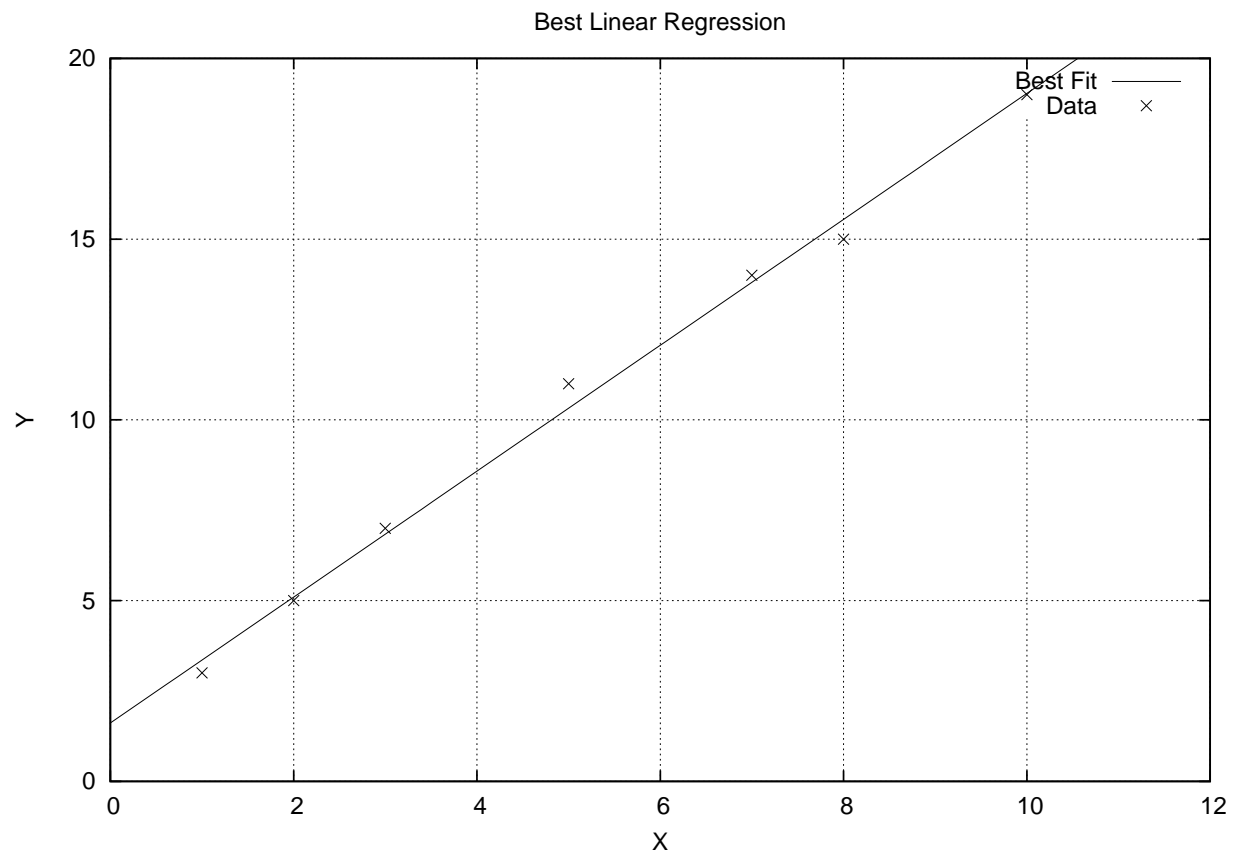
## General Problem

$\min t$   
 $a * x_i + b - y_i \geq t$   
 $-a * x_i - b + y_i \geq t$   
where  $x_i$  and  $y_i$  are from the set of data, finding  $a$  and  $b$

## Specific Problem

$a = 1$   
 $b = -0.857$

## Plot



## 2 Warming-Up Question

Linear Program Description

X Constants

Plot

$X_1$  Century Trend