

2018Q1

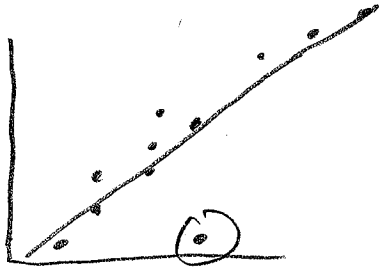
(a) $a = 72.95 \text{ secs}$

If there are no customer ahead of you in line, the model predicts a checkout time of 72.95 secs, on average.

(b) $r^2 = 73.33\%$

About 73.33% of the variation in checkout time is explained by the LSRL model which relates checkout time to customers in line.

(c)



The point near (3, 150) is an outlier because it does not follow the pattern in the data.

It has an unusually large, negative residual.