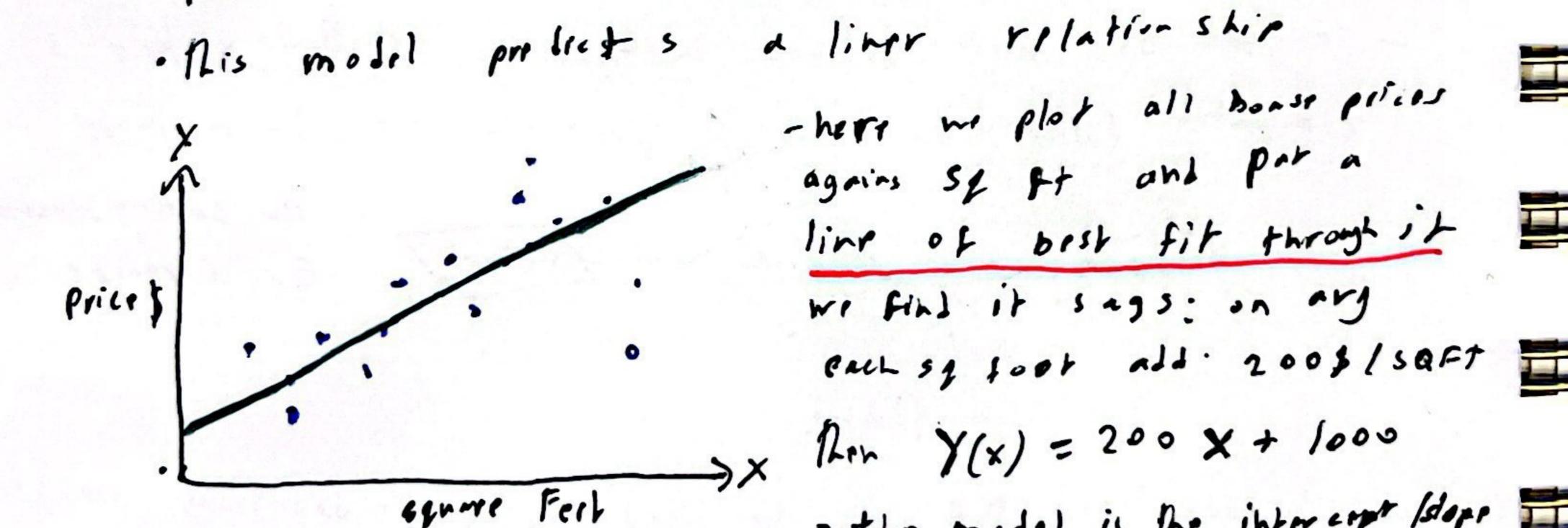
- a model in ML is a Makamatical repassentation Plat is trained to recognize patterns in 2 at a an make predictions or classifications based on Ex of comon type) indipendent var model (var) OUTPORT FAR DAL E (Ex of comon 1911) on mapping function botwern input on a ort put

\* in linear regretion the model is the Hiral regretion line: Y: = Bo & B, Xi = indipendent dependent const.) super continuen

Ex: We might here model Aut prédicts home prices based on spran fotage of house. · Mis model prelicts a liner relationship



A Now after traning if we want to saft = 250 predict price of 250 saft house

- the model in the intercept ldope

Model: 200x+1000 = 200 (250)+1000 is the pridretion = 51,000 \$ of the mode)

of the line