Let's resum to the line model, Afra the OLS algorithm:  $g(x) = b_0 + b_1 x$ 

Who is the supportant of b,? Everpre screen this up! Even me! Good to very compe "If X is inwend by one quit on its ressumed scale, then y is prelied to share by b, write on its ressumer scale assuming the line model. If you for least sques.

Vez subste language! Notice the passive Voice is incresse! By who?

We good this to.

(A8B)

Then company two obsension gaple is the saw alone (A) has

on x value one can layer of the x value of (B), (A) is predical

to have a response y three defen by bo, from you assume the lim model. "

This is the best you can do! It's very lane!!

NOR: "harally obsaul" means haromaked.

Can you say

"If I income the x cake for the obs., it's predent regione will (ass. the lin mod) "Nor: this is a cressel stremp. You are soying above to your mangalism of the vimble, the hill be a claye in put y. Usually hot ... when you here considered the picker looks like (B).

There is no us to prove when x folls in the carol chan historit more nork. The gold Stol. to be able to make a cruck chair it the regardound controlled expenses.

Let's Hugus milatione lier mobile:

g(x) = bo + bix, + bix + ... + bpxp
Who is the insuperform of 6,?

Ceson's paribus" "Who company suo obsension A&B Soughed it the save ung as the days in D whire A has on X, value one suit higher then B and all other xi's are exactly de some, A is prediend to here a repense is the differe for its by by on arg. assuming the line model approved for Least square! A son this wrong by this.

Ingine Xi, GPA, Xi: GPA Can you make X, keeping to consome. Yes. but is is heird sine X, X2 are lighty correlated. GO you can rink the street estant b, but it may not Elen be 9 kalostic Gladement became A and/or b my not be obsemble in the Whee condern does not infly consorm (c) real world. Coly! who's the respection of 6.?... If Z styp costage and x changes: y doesn't change. Look at the disjum! Z Carres yand Manphony x dolors are of fleer on y!!! (DEMO) | END of MAY DRIAL FOR EXEM

Inference for line models Y= h (2) + E In de lien model come, H= {DA: WERPH} =) y= Po+Pix++ (pxp+ & where the B's on the "time" been neights Now make the four lin. regr. assupant and is live of the or the prob. madel!!!

D'ilegrame of exprision E1,..., En 2 MO,02) Dameny Demoskedming of opsilon Steeler Chops => Arisone Heorems Ovalo J= 02(87) - [ Sho shi (2) 1/2 ~ Th-p+1) Student T => t-tens for Ho: B:=0 is signed my affect y Folin's Fdistr. (pri)-1 2 Fpri, n.pri) = Omnibus F-Kest In No: V/2:=0 benom a foll model i.e. No vandole approx y livenly i.e any signe ar all P ASSR 2 Fap, 7- (p.1) February for Ho: 1/3 = 08 Bx=08... Whiten you was by

TOEMO Vamiles? a collector of

expiral vale is groke about & MORE!!!

(5) Y= N(2-6, AME)