Quiz 1 0 (//, f(x))= (Y-F(x))2 (50 Var(f(xo)) is the pariance in the given System at an initial x.  $L = Y^2 - 2 \text{ } / f(x) + f(x)^2$ [Bias/f(XN)] is the bias O= Y2-ZY+f(x)2 of a given system, and is squared to prevent negative bias 0 - (Y - f (x) (Y - f(x)) DThe bias will decrease () = Y- F(x) because the two are directly related Y=-F(X) ? OBs is the salary ( 2 Y! = C(x) Dof an individual in one of the given 34! = C(x) = Error states 3Y = C(x)Y = 3(((x)) 3 Supervised because your demographic would be your dependant variable and what they buy would be an independant variable making it supervised Dome redline is the test punction, as you would want your training narroble to approach and 2 errors in both time is a rough a vergoe of the