Note 1. j= x(xx+10)xy X = X for truncited power functions g= x+ (x+x+1)/x+ = x 4 4 4 (x x x + ND) (47/47) x y = x84p(x7x7+10)-47/x8y =  $\frac{\chi_{8}}{4}$  Assignment Project Exam Help = X8 [47x7 Ahttps://poweoder.com =  $\chi_{\mathcal{B}} / \chi_{\mathcal{B}} \chi_{\mathcal{B}}$  Add We Chat MSSE(f)= E [f/k/-f/k/] = I E[f(4)-f(4)]; using the MSE decomposition = [ [ [ [ (ki) - f(ki)] + Var[f(ki)] ; using f= Ly=5,4 = [ [E(Ly),-fi] + Var[ly].] = [ [E[Ly],-fi]+[Cov(y)]ii.

= 1/(L-I)f/1+ tr[cov(Lg)] = 11(L-I)f11+ tr[L cov(y)L]; using cov(y)=5= = 11(L-I)f/1+ E tr(LLT) Note 3: 9=f+8 g= Syg= Ly E[RSS] Assignment-Project Exam Help = E/ghttps://powcoder.com Add WeChat powcoder = f(L-I)/(L-I)f + f(L-I)/(L-I)= 11(L-I)f11+ 0 ftr[L[]- 2tr[L]+n] =1(L-I)f/1+ \subset tr[LL]-2\subset tr(L)+n\subset = MSSE(f) + E(n-ldffit); where of = to(L).

Note 4 E[RSS]=11(L-I)f11+ [ [th(LI)-86n(L)+n] = 11 (L-I) f1 + Te offices n- ofips = 2 tor(L) - br(LLT) Assuming the sign is negligible, 11(1-I/I/20 h an inbiased ent Project Exam Help

https://powcoder.com

Add WeChat powcoder