NAME - SARANSH (102103071) 404-3 (03, DS Assignment 91). Given maden softe (xy, xz, - xx) 4 = 0, (nea) & c2 0, (unexa) Liberton ( (0,02) = T = 1 (1) (100) To make might take less a book sides  $li L (0,02) = \sum_{i=1}^{\infty} \begin{pmatrix} -1 & ln (2\pi\theta_2) - (v_i \cdot 0_i)^2 \\ 2 & 2\theta_2 \end{pmatrix}$ (i) differentiate wat o, [FOOO] TOWN STATEMENT d leto, of = 3 x:0, =0 10 10 x: - no = 0 o= Exc (nea) defeated wat 02 ( ho 02) (i) d en llo1,02) = E ( ] + (x+a) To 2 - hor of (1 -01)2 02 = 1 & (Ki-Oi)2 (Varia a

