Kernal Estimation (cont) - should use an appropriate pointwise variance (in, variance of gassnion curve representing a particular	
Dougle)	
- May balance coverage of deadspace vs. The coverage of other samples! "turb"  Alea . ? - we system of equations st. each std. is dependent on each Ther	
Ala estimate colf instead, then derive  order points produce to color order/n:  - sample value > M colf domain	11/16/2017
order points - sample value > m coll domain	> prob. space value = Mally coff range
the for the formal former of the	-   F(x) = [0,1] \forall x - F'(x) > 0 \forall x
3 something wot bewer degrees of freedom?	
gelynomial regis: -ax = 0 Vi?	sis, ex = 1+2x+  ∫ coox = 2=∫03- x2 + x4
Lograndre motioniate shifted on [0.1]	
· osthogonality -> reduced complexity s	n curre fitting
- I - splines - enoure monotonic mess	
- moother result (based	on choice of knoth-count)
"Theory - let {Xi, X2,, Xn} be n sample	11/20/2017
- let ox be an ordering s.t. Xo(c) ≤ Xo(.	con) Vie [1, m-1], All Heltty
- let $p_{\sigma(i)} := p(\mathbf{x} \times \mathbf{x}_{\sigma(i)})$	
- the most likely value for po(i) is	<del>2-1</del> <del>M-1</del>
(ance *Ko(i) has exactly 1-1 samples less	
$\Rightarrow \text{ specifically }, \ \mathcal{L}(\Theta_{i} \mid x_{i}) = \Theta_{i}^{i-1} \cdot (1-\frac{1}{n-1})$	O <sub>A</sub> J
- estimate of odly should manining the live	at the act of the half and the
- estimate of cdf should maximize the lipelihood for each sample observed	of me comaces processing space vacu

-> ? use weights on each sample  $\propto \frac{d^2}{d\theta^2} \hat{J}_i(\hat{\theta}_i)$  ?