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	P)								
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	March 1 To 9 12 a broad	14							
	م المارين المراجع المر	nore likely	100000000000000000000000000000000000000						
*	Increased probability of travel maker fraud more likely Increased probability of foreign purchase makes fraud more likely  Increased probability of foreign purchase makes fraud more likely								
	foreign purchase is evidence of for fraud.	9 Travel	explains						
*	1 traud can cause toream purchase								
	preign puronase + 88 15 eviacore un								
	True   false ( Travel Fraud	TIF							
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	travel T F  T 0.01 0.99 F F	0.01 0.99	1.						
	F 0.002 0.998								
- ^	1 1 - 2 C. P. = true. fraud=? [classi	ty hiddle	n variables						
1)	travel =? F.P. = true, fraud=? [classify hidden variables  (foreign purchase)								
	purchase/								
	$P\left(\text{fraud} = T \mid F \cdot P \cdot = T\right)$								
	= $\alpha \left[ P\left( \text{frand} = T, \text{ travel} = Exert \right) \times P\left( F \cdot P \cdot = T \right) \right]$								
	- \( \( \) \(\) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \( \) \(								
	= of P(fraud=T/travel=F) x P(FP=T)								
	+ P ( france = F), frand = T) x P (travel = F)								
	= & [0.01 × 0.9 × 0.05 + 0.002 × 0.1×0.95]								
1600 de 1	= 0.00064 8								
	Similarly								
	P[frand = t] FP=T]								
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