	1 - 2 - 8
	Machine Learning worksmeet -8
B	/n1
	(B)
(2)	(A)
(3)	(c)
	and the state of t
<u>(G):</u>	(c)
(5)	(D)
6	
(6)	(\mathcal{B})
(F) 1	
()	.9
(8)	13/2/01
(9)	(c) 2(D)
10	(B)
(P)	
(11)	The disadvantage of One Hot Encoding is that for high cardinality, the feature space. Can surley blow up quickly and you stailed fighting with curse of dimensionally.
	and for myn cardinality, the feature space.
	Started 1.00 - 1.10 in the cond you
	will and of demensionality
9	
	Jutuese cases One not co encodoring is employed followed by PCA for dimensionality gredyction.
	reduction.

Techniques for honding in palmad diserces: Under Sampling. Kandom lender Sampling acris to halance class majority clars enoughes This is done until majority 2 majority clares are balanced out Que Sampling It in oreases the number of his touces in them in Order to persent a light representation of the missify class in Sample. Cluster based Over Sampling in Clustee hared oner Sampling, & means affairmen is independently applied to minority and majority class mistances Sette Subsequently, each chaster is onescampled. such diet all clusters of the same clair have an equal number of instances l'all classes have same

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(13) "	The key différence holiveen ADMSTN and SHOFE is that the former was a
	and SHOFE is fund the former uses a
	density disteribution as a chiteria to
	automatically alcoal the member of synthotic
	Samples that must be generaled for
	each minority sample by alla Herrely changing
	the wegents of the mendity samples to
	each minority sample by alla Herely changing the weights of the mindrity samples to compossate for the skewed distributions
o	The latter generales the same municipal
	The latter generales the same number of synthetic samples for ach arguel menocity sample
	menocity semple