How to handle Categorical features Many Categories (Count | frequency Encoding) (count frequency Encoding)

Type of Categorica Variables

Nomina

Nomina

Nordesed of Rank

Ordesed Normables

Ordesed Normables Wole: Fox ordinal variables we can use label encoding (is a noming scale whore variables are simply "nomed" or labelled with no specific order. For nominal
we can use one-hot encoding Categorical variable by the count, this is the omount of times each label appears in the dataset. or the frequency, this is the percentage of observations within that category: ( XI XZ

o V at

I t av

2 W n

2 t, n.

Hone hot enc => (4209,71) # one hot encoding =) pd.get\_dummies (df) · shape 7en (df [ 6x1 ] . unique ()) -) 27 =) 27 +44 = [7] Pen (df ['xzi]·Unique()) = # # Let's find out the counts for each one of the labols in voriable X2 flog. x2. value - courts c) · todictc) = [ 'at': 2, 'n': 20 -- ] df. x2 = 2f. x2. map (frequency) Trequency (f) Sing map function to map counts 3