MANOJ KUMAR MAHARANA M20AIE252

P(y/re) independently for each sever in the vocabulary and picks the top 5 Rebells 1 The simplification that compartes the with the movemen likelihood would work under the following askumptions / conditions
as per my understanding are > 1) Given the input features the Salvels are conditionally independent (Presence on flue absence of one Sabel does not affect the Probability of another Sabel appearing on the predicted Abels Set). 2) The input features are capture the salvers accurately.

Prodict the salvers The deforet is big to estimate the accurately convertly.

Probabilities of soch placks in the vocabulary

The no. of Robells in Comments. is not too much large (The Compensational complexity of the model would increase Significantly as the number of Robels increases?

7, ghof I shink sheet whole she's Simplification con make fore model more compensationally efficient but i'f may not asways result in she
best performance - If she above
best performance - If she above
assumptions are not correct shes
we need more sophisticated models
we need more sophisticated models
she sold will achieve befores for Sabell will achieve before results. Summary que simplification groof Compuses P(y/a) independently info Gor each Palsel in She No coloulary

and picks She Sikerihoud serumes

with the maurisum are conditionally

which she Rabels she diput

independent gives are unprior de known

independent arrangement are computational

reduces. This arrangement and eit

reduces wedel

complexity of she wedel egnes availab) E GPU. assigned grochs 2) In esque me go's austed Nestwork Of Combin Parestissing, Loyer-will Parestissioning and neswork Pi I fame dosp parellism (multiple Gpur). of each help to fre freeze g

One new approach it using hybrid of network and layer-will partiofishing. Here, neural naturorix will be divided the multiple Sub-networks and Rech Subnetwork e's Further Partistioned layer-wise to enable date Paralfelism, I road one article last week and I found this ex also possible. Here Support we assume > -> The dotales or songe to divide info multiple botten for processing. -> APRO frink, the subness one of egnel number on size depending upon avoilable GPU1. -) Each Subnet 11 alsigned to different > During frommy each GPU Privales GPU. arrigned using dossa parellesim. (Each 4PV).

Snows with different abfased). This approach has giving advantage of combining for buffs refuser partificing and Royer-wire also,
I frank by doing this memory requirement of each Gpes are reduced so snot help to freeh Roregen mendels and for faster freurog Royer-wire (dota parellism).