

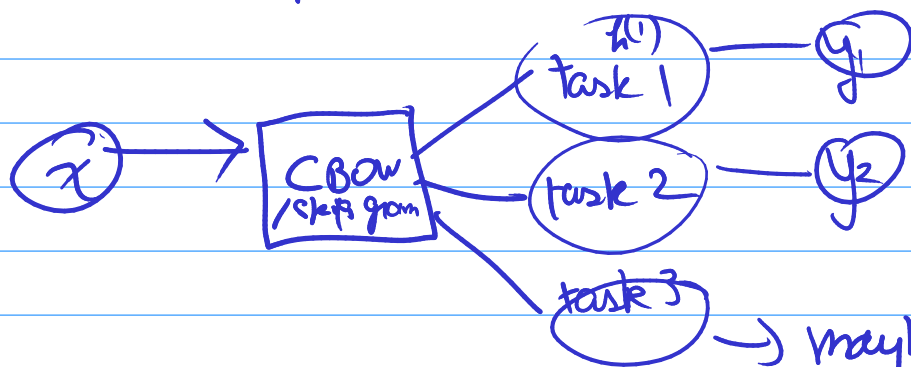
Sentiment-

Sarcasm

Whether it is a sentiment analysis or sarcasm predictor, to get a very nice numerical equivalent that is some

Since otherwise, you might overfit, since the word vector representations may be prejudiced!

Do make a word embedding commonly and then split



maybe unsupervised  
perhaps might be combating overfitting

$$\min \underbrace{J(\theta; X, y) + \lambda g(\theta)}_{\theta = (\theta_1, \theta_2, \dots, \theta_n)}$$

$$g(\theta) = \|\theta\|^2$$

$$g(\theta) = \|\theta\|_1$$

Now rather than directly wry weights, we use some other function

$$+ \lambda \underbrace{\Omega(h)}$$

Some functions have <sup>been</sup> proposed

$$\underline{\underline{C_1}} \quad \underline{\underline{C_2}} \quad \dots \quad \underline{\underline{C_{20}}}$$

20 classifiers

$$R_1 \quad R_2 \quad \dots \quad R_{20}$$

$$\begin{matrix} \text{let} \\ \text{errors} \end{matrix} \quad \epsilon_1 \quad \epsilon_2 \quad \dots \quad \epsilon_k$$

Let them follow a normal distribution  $N(0, V)$