CNN RNN architecture

Thursday, May 3, 2018

Vanilla RNV:

ht = tomh (Whiht-1 + Whit)

It = Why ht.

Language moelet.

softmax will make original diversity them organica.

back proguether through time. X.

ht = temh (Won ht-1 + Wah Xt)

LSTM:

$$\begin{pmatrix} \dot{z} \\ \dot{f} \\ 0 \end{pmatrix} = \begin{pmatrix} 6 \\ 6 \\ 6 \end{pmatrix} W \begin{pmatrix} ht-1 \\ \chi + t \end{pmatrix}$$

$$\begin{cases} d \\ \zeta \\ tomh \end{cases}$$

$$Ct = fOG-1 + iOG$$

 $ht = OOtomh(Ct)$

GRU: \$ [STM.

merx pooling > up sampling.

anduthon & tromsprze anudathon.

 $\overrightarrow{x} \star \overrightarrow{\alpha} = \overrightarrow{x} \overrightarrow{\alpha} = \overrightarrow{x} \overrightarrow{\alpha}$

t-SUE: ponosful thm PCA.