

# Amazon review sentiment classification

# process

## load&preprocessing

## design model

\* pre-emb:pre  
trained-embedding

- cnn w/o pre-emb
- cnn w/ pre-emb
- lstm w/ pre-emb
- lstm w/o pre-emb
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## train&evaluate

[point of performance]

lstm w/ > lstm w/o >

cnn w/o  $\approx$  cnn /w

[point of time]

# to do

- finding better model
- better nlp preprocessing

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