

2/3-monthly Report

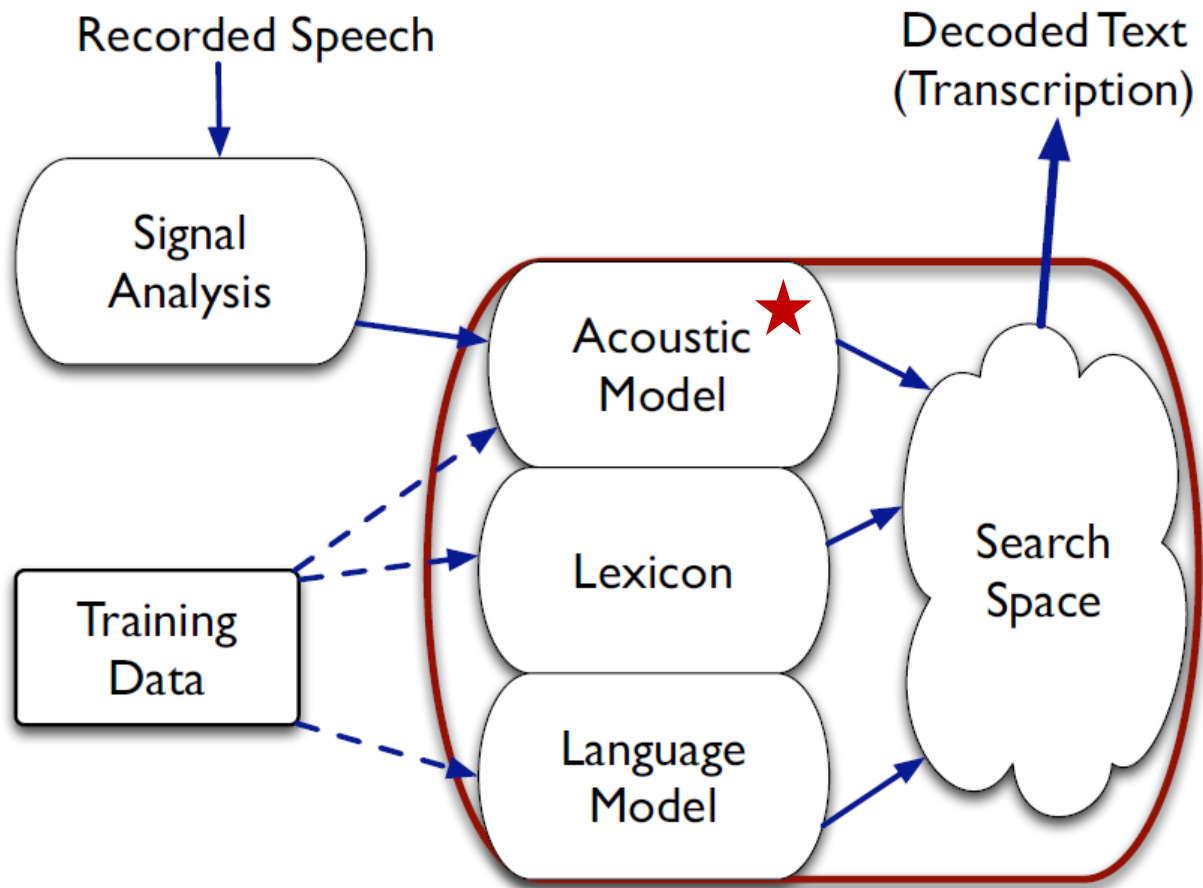
TANG Zhiyuan

3.9.2015-3.31.2015

2,000,000 s

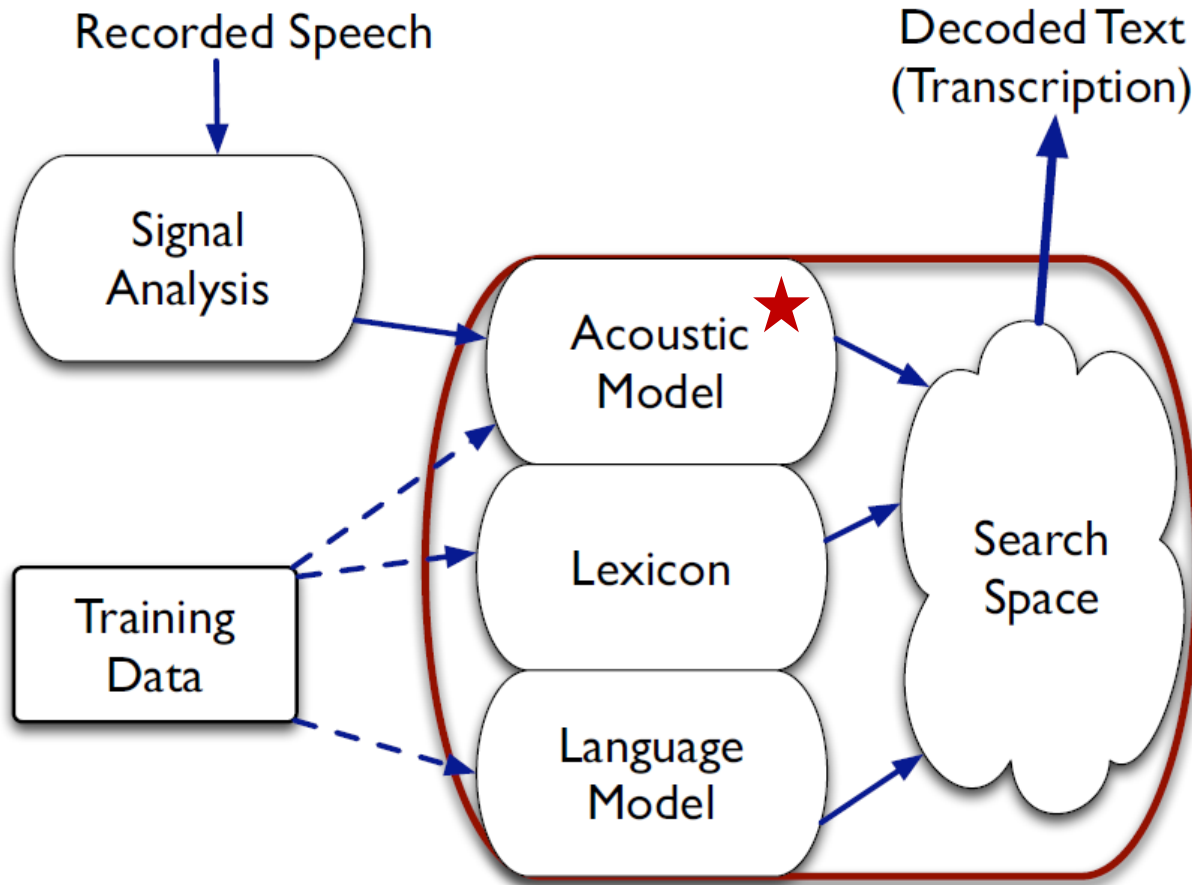
vs.

a piece of paper barely



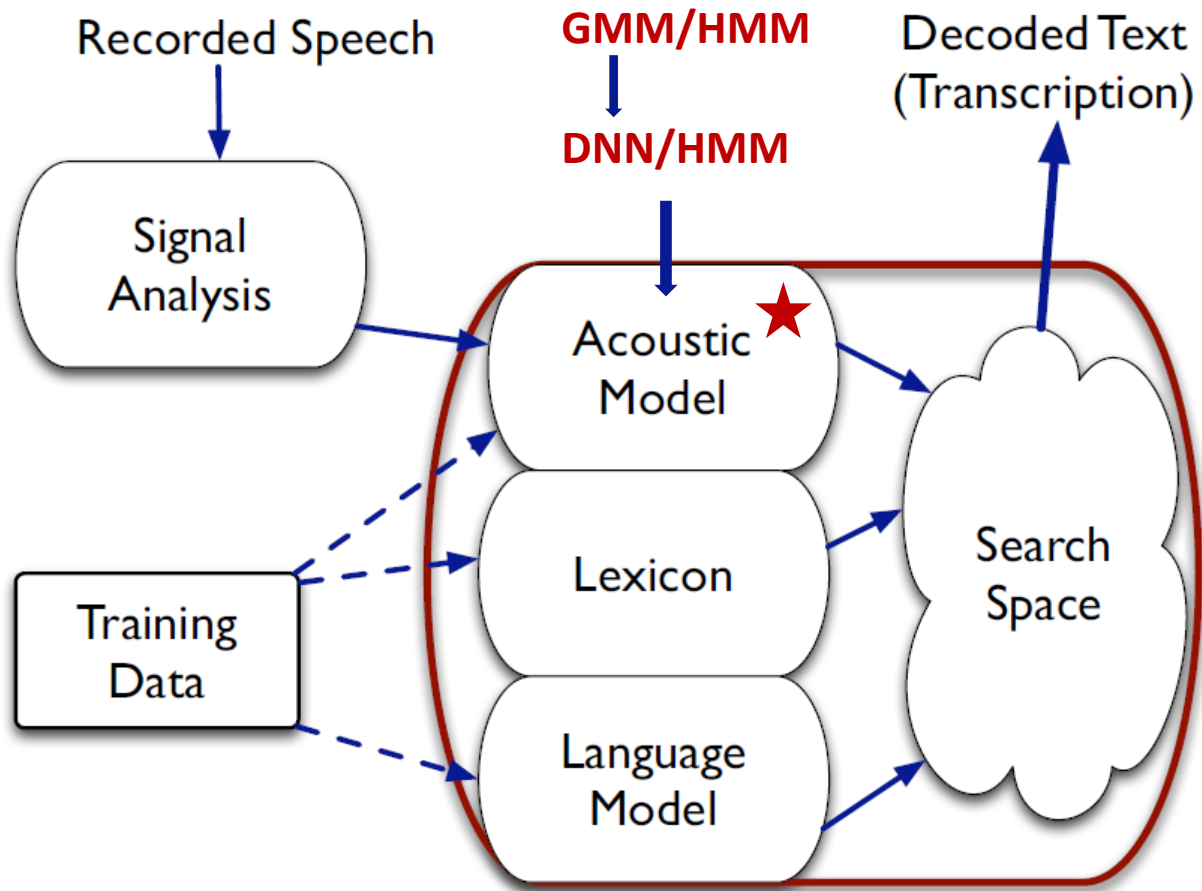
Along with **Kaldi**

MFCC
CMN
LDA
MLLT
...

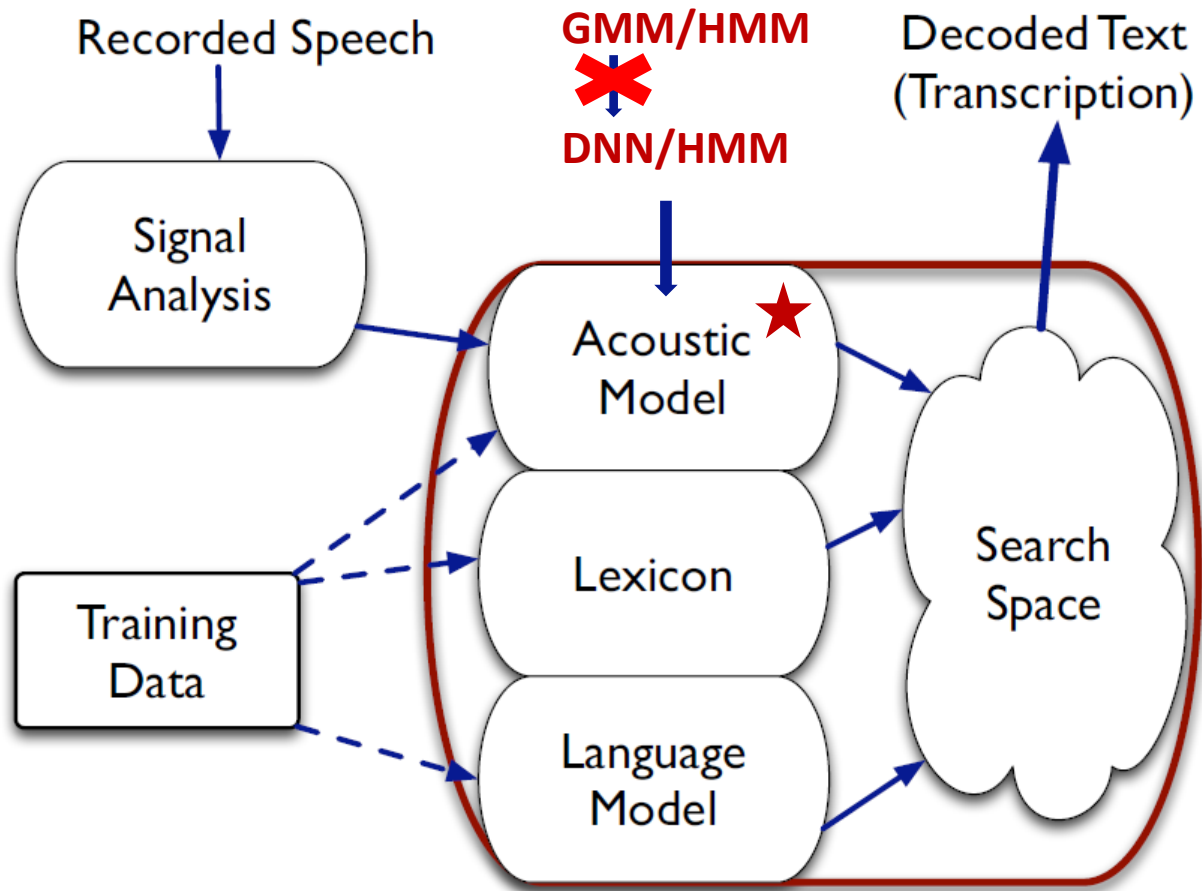


N-gram
...

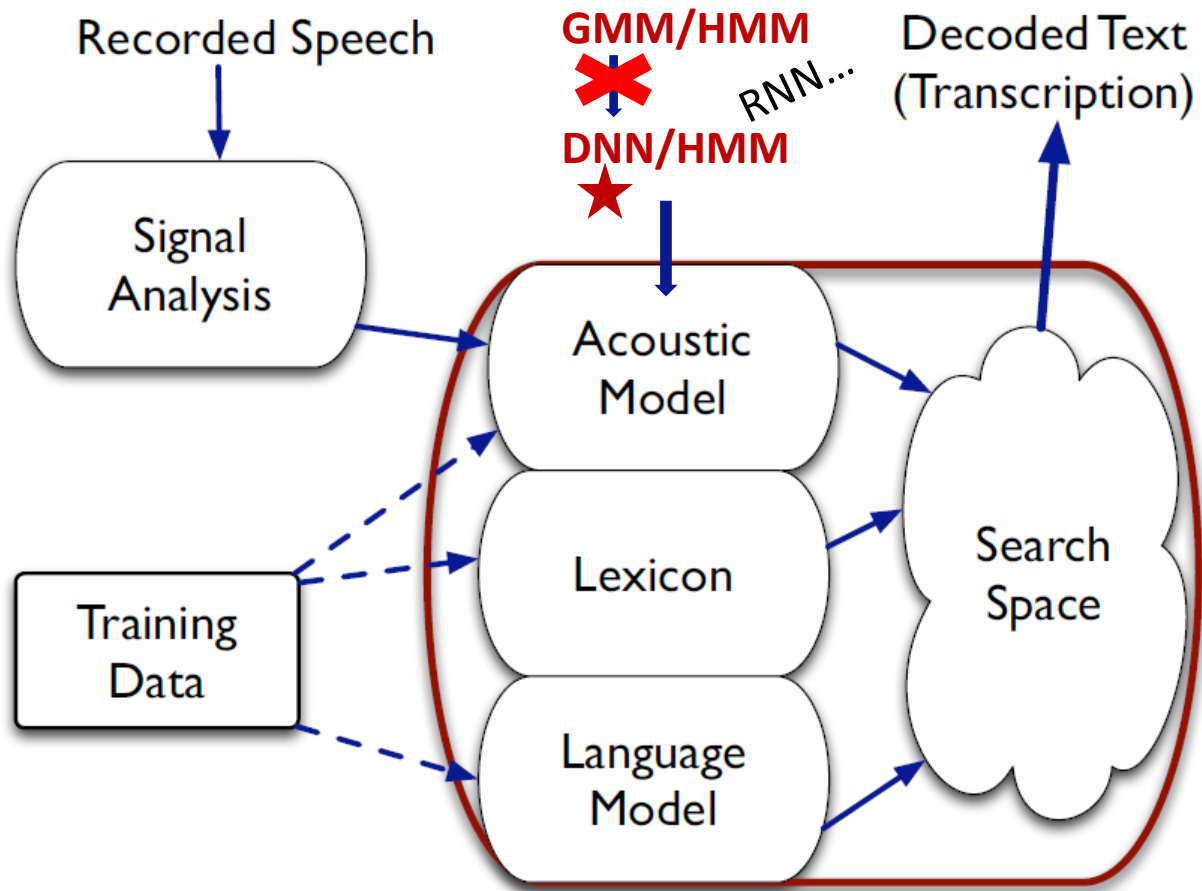
Along with **Kaldi**



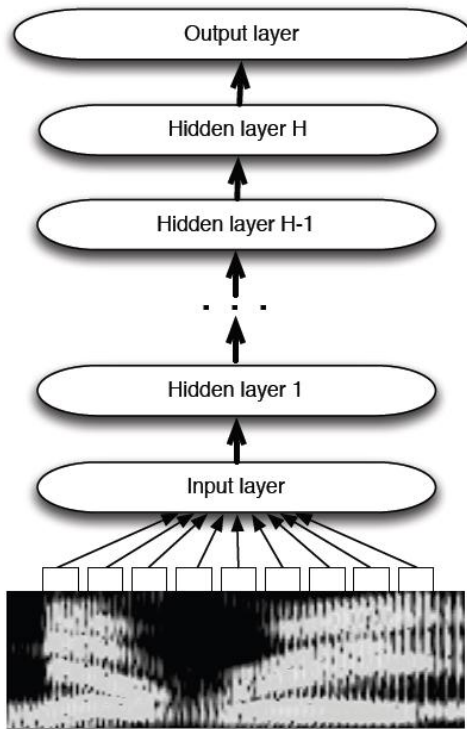
Along with **Kaldi**



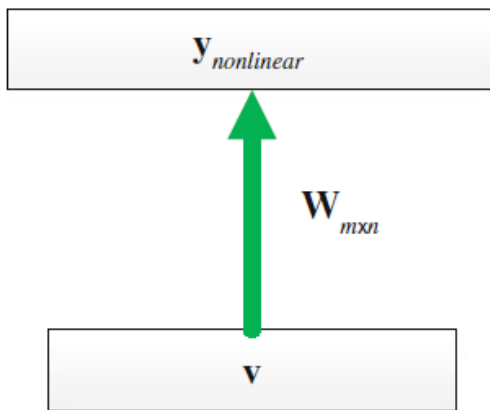
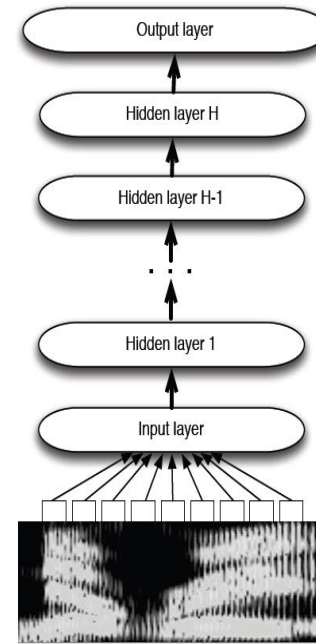
Along with **Kaldi**



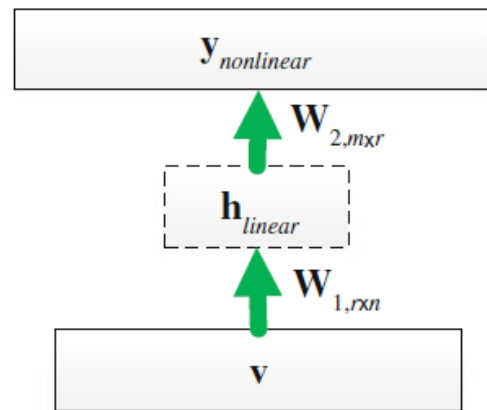
Along with **Kaldi**



VS.



$m \times n$



$(m+n) \times h$

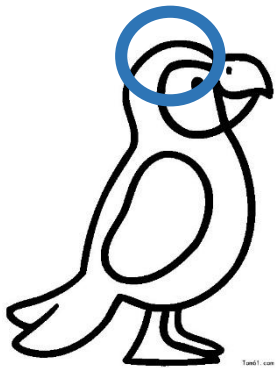
Realize Sparseness:
 Regularization;
 constraint optimization;
 OBD;
 ...

Quiz

How much does it weigh for a sound speech/language system if computation power could be weighed?

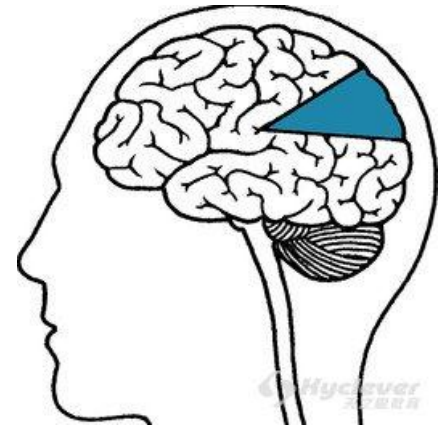
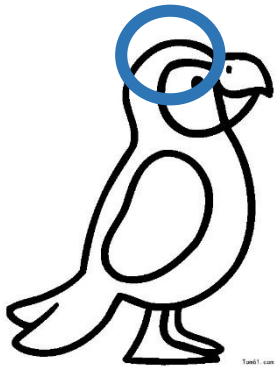
Quiz

How much does it weigh for a sound speech/language system if computation power could be weighed?



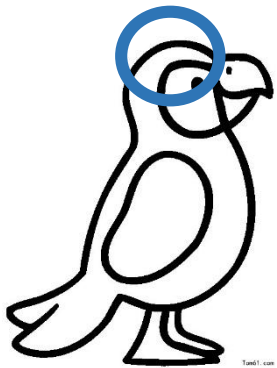
Quiz

How much does it weigh for a sound speech/language system if computation power could be weighed?



Quiz

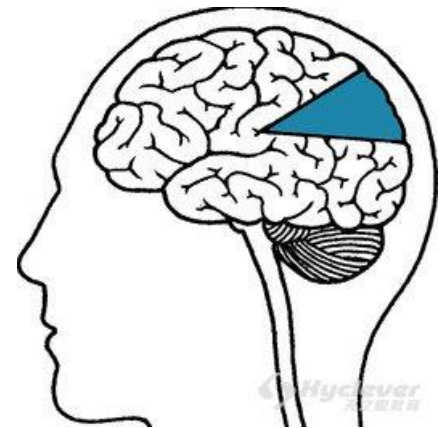
How much does it weigh for a sound speech/language system if computation power could be weighed?



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大智若愚人

大智若愚~~人节~~快乐！

TKS.