

Beam Search
11 minVideo: Error analysis in
beam search
9 minVideo: Bleu Score
(optional)
16 minReading: Bleu Score
CORRECTION
1 minVideo: Attention Model
Intuition
9 minVideo: Attention Model
12 minReading: Corrections
10 minSpeech recognition -
Audio data

Conclusion

Practice questions

Bleu Score *CORRECTION*

Correction in "Bleu Score" (14:21):

Bleu details

 p_n = Bleu score on n-grams only p_1, p_2, p_3, p_4 Combined Bleu score: $BP \exp\left(\frac{1}{4} \sum_{n=1}^4 p_n\right)$

BP = brevity penalty

$$BP = \begin{cases} 1 & \text{if } \text{MT_output_length} > \text{reference_output_length} \\ \exp(1 - \text{MT_output_length}/\text{reference_output_length}) & \text{otherwise} \\ \exp(1 - \text{reference_output_length}/\text{MT_output_length}) & \end{cases}$$

[Papineni et. al., 2002. Bleu: A method for automatic evaluation of machine translation]

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✓ Complete

Go to next item