Text Preprocessing



Text Preprocessing Text Text Cleaning Representation



I can't believe ho%^&w many people are read&ing my book.

unwanted symbols

Analytics Vidhya



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Deep learning is part of a broader family of machine learning (https://en.wikipedia.org/wiki/Machine_learning) methods



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Deep learning is part of a broader family of machine learning Analytic methods
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URL Links

The data revolution has transformed the way businesses run and customers behave.

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HTML Tags



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- Examples of noise:
 - URLs, punctuation marks, numbers (https://en.wikipedia.org/wiki/, {. , : ! ? ;}
 - Slangs: Non-dictionary words (swag, dope, bro, etc)
 - Spelling mistakes (cntrol, playe, finaly, etc)



Fix text encoding and casing:





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Letter	ASCII Code
a	097
b	098
C	099
d	100
е	101
f	102



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 "Cap" and "cap" are different terms for machine



Noisy entities removal:

URLs, special characters, HTML tags



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- Punctuation marks removal:

Example: "I went to New York!!"



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Cleaned: "I went to New York"



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Regular Expressions or Regex use patterns in the text





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- Regular Expressions or Regex use patterns in the text
- Patterns are special characters with an associated textual meaning. For example,
 - "\d" is used to identify digits
 - "\w" is used to identify alphanumeric characters



Thank You tics Vidhya

