Regular Expressions

What are Regular Expressions ?

- Regular Expression or RegEx is a sequence of characters used to create search

   patterns

We are lodging with Mr. Brown. He owes a lot of money to Mr. Smith. Mr Brown did not want to run for governor of the state last year. Mr Michal passed the driving test at the second attempt. Mr. Berry said the timing was a coincidence and that his decision was unrelated to Mr. Roman's departure. Mrs Stowe passed eighteen years in Cincinnati under conditions which constantly thrust the problem of human slavery upon her attention. Mrs Stowe used the reputation thus won in promoting a moral and religious enmity to slavery.Let me ask you something else, Ms Reagan.

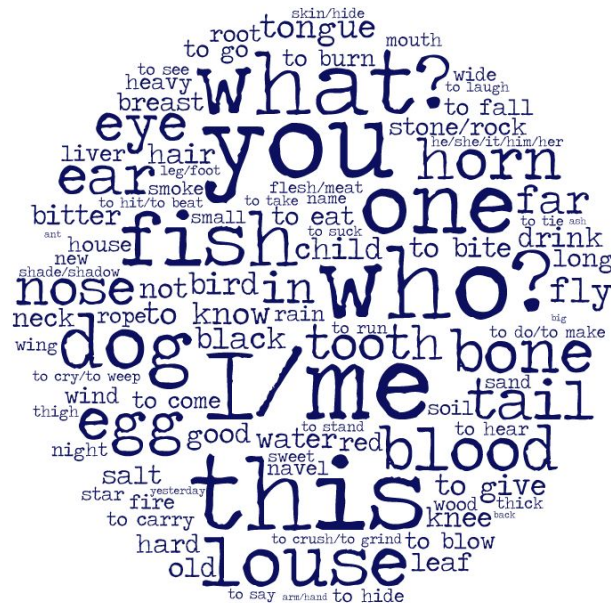`M(r|s|rs)\.?\s[A-Z]\w*`

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- Language Independent

Mr. Brown has mail ID as brown@google.com   Ms Reagan uses reag.ms@outlook.com
Similarly, Mr. Berry has email as mr_berry@cherryberry.net.in   Or, if none works
then you can mail them at people@analytics.ai

`[\w]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9.-]+`

Applications in NLP

- Data Exploration and Analysis

- Text Cleaning

- Rule based Information Extraction

Thank You