Rapid Automotic Keyword Extradion

A Keyword is a word or a short

phrise that concisely describes the context

of a document source text. Using them,

we see able to fotch relevant documents

we see able to folly parse them

without howing to folly parse them

NOTE: USUALLY KEYWORDS DON'T CONTAIN

PUNITUATION OR STOP WORDS

RAKE IS R FRST AND UNSUPERVISED

ALU. THAT AUTOMATICALLY EXTRACT THE

KEYWORDS OF A SINULE DOCUMENT

1000

- . Set of word delimeters
- . set of phase delimeters
- (tribate) sommante to tril.
- . The document to porse

THE CKNDIDATE KEYWORDS: (1) FIND

- · Split the document into an orray of words, using the specified word delineters
- · Merge the orray into requerer of contigors words at phrose delimiters and then at
- e The resulting sequences one condidate resounds

S coring condidate treguends

- · Compute the mility of Co-occurrences M

 EACH ENTRY COUNTS THE NUMBER OF

 CANDIDATE KEYWORDS WHERE BOTTH

 WORDS ARE PLEIENT
 - · Compute the frequency of each word (Freq (w) = Mis where i==s) of esh word and the degree (deg (w) = \(\sigma \text{mi;} = \sum of freq. are its row)
 - · Comple the score for each ward $\left(S(\operatorname{ore}(\omega)) = \frac{\operatorname{deg}(\omega)}{\operatorname{freg}(\omega)}\right)$

- The final score of a reesword is the sum of the score of its words
- (3) Merge tregwords
 - · [detifies keywords that contain stop words
 - Looker for point of regulards that
 adjoin one snother at less twice in
 the same document and in the same ander
 - The final score of the new personals

 is the sum of its member tresourands

 final score
 - Delecting Kegwords
 Return top one-third