

1 Maret 2016

- Asumsi:

- Tabel 1. Cosine Similarity**

Term	query					document			$q_i \cdot d_i$	Similarity
	tf	wf	df	idf	$q_i = wf \cdot idf$	tf	wf	$d_i = \text{normalized } wf$		
digital			10,000							
video			100,000							
cameras			50,000							

2. Hitung *2-top scoring documents* (2 dokumen dengan nilai tertinggi), ketika
- *query (q)*: best car insurance
 - *term frequency (tf)* pada 3 dokumen (Doc1, Doc2, dan Doc3) dan 4 *terms* adalah sebagai berikut:

<i>Term</i>	Doc1	Doc2	Doc3
car	27	4	24
auto	3	33	0
insurance	0	33	29
best	14	0	17

- Weighting schemes:
 - nnn.atc
 - ntc.atc

Untuk membantu Anda dalam menentukan *2-top scoring documents* di atas, isilah Tabel 2 dan Tabel 3.

Tabel 2. Similarity Score antara query dan Doc1, Doc2, Doc3 dengan weighting scheme nnn.atc

<i>Term</i>	<i>Weight</i>				<i>Similarity Score</i>		
	<i>query</i>	<i>Doc1</i>	<i>Doc2</i>	<i>Doc3</i>	<i>query & Doc1</i>	<i>query & Doc2</i>	<i>query & Doc3</i>
car							
auto							
insurance							
best							

Tabel 3. Similarity Score antara query dan Doc1, Doc2, Doc3 dengan weighting scheme ntc.atc

Term	<i>Weight</i>				<i>Similarity Score</i>		
	<i>query</i>	<i>Doc1</i>	<i>Doc2</i>	<i>Doc3</i>	<i>query & Doc1</i>	<i>query & Doc2</i>	<i>query & Doc3</i>
car							
auto							
insurance							
best							