1. Tubel TF-10F

Term	DF	TF OF THE STATE OF						100	TFXIDF					
		DI	02	D3	Da	05	06	IDF	DI	DZ	D3	D4	92	06
demak	1	0	O	0	0	1	0	31877,0	0	0	0	o	0,17815	O
gorox	1	0	0	0	0	1	0	0,77815	0	0	0	0	0,17815	0
ilmvan	3	1	ı	1	0	0	v	0, 30103	0.30103	0,30103	0,30103	0	0	0
indonesia	1	0	0	0	1	0	0	0,77815	0	0	0	0,77815	0	0
informusi	1	0	O	1	0	O	0	0,77815	0	0	0,77815	0	0	0
islan	5		(1	l l	0	1	0,07918.	0,07918	007918	0,07918	0,07918	0	0,07918
jana	1	0	6	O	0	0	t	0,77815	0	U	O	0	0	0,77815
jepura	ı	0	0	b	0	1	0	0,77815	0	0	0	0	0,77815	0
labuh	1	0	U	0	0	ı	0	0,73815	0	0	ð	0	0,77815	ø
Perlan	1	0	0	0	1	0	0	0,77815	0	U	0	0,77815	0	8 0
Pengaruh	ı	1	0	0	0	0	0	0,77815	0,77815	0	0	υ	0	0
Pusat	1	0	O	0	0	. 1	U	0,77815	0	σ	•	6	0,77815	The same of the sa
roja	3	0	0	0	1	ì	1	0,30103	0	0	0	0,30103	0. 30103	0,3010
ranguum	1	0	ı	0	0	U	0	צוצוקט	0	0,77815	0	0	Ø	0
ringuas	-	0	U	ı	0	6	0	0,77815	0	0	0,77815	0	0	6
Sumbang	1	J	1	٥	0	0	0	0,77815	0	0,77815	O	0	0	0
temu	1	1	0	0	0	0	J	0,77815	0,77815	6	0	O	Ь	0
touch	2	,	0	1	0	U	0	0,47712	0,9772	٥	0,47712	0	0	U

2. Model Vector Downers

$$\frac{\times}{\sqrt{0.3010}^{2} + 0.07918^{2} + 0.77815^{2} + 0.77815^{2} + 0.47712^{2}}$$

$$\frac{\times}{\sqrt{0.09061} + 0.00626 + 0.60551 + 0.60551 + 0.22764}$$

$$\frac{\times}{\sqrt{1.5355}}$$

$$\frac{\times}{1.23916}$$

$$\frac{\times}{\sqrt{0.30103^2 + 0.07918^2 + 0.77815^2 + 0.77815^2}}$$

$$\frac{\times}{\sqrt{0.09061 + 0.00626 + 0.60551 + 0.6058}}$$

$$= \frac{\times}{\sqrt{1.30789}} = \frac{\times}{1.14363}$$

V0.301032 + 0.778152 + 0.079182 + 0.778152 + 0.477122 VO.09061+ 0.60551+ 0.00626+ 0.60551 + 0.22769 = 1,23916 1031 = (0,0,0.24293,0,0.62796,0.06389,0,0,0,0,0,0,0,0.62796,0,0,038503) D9 = (0,0,0, 0.77815,0, 0.07418, 0,0,0, 0.77815,0,0, 0.30108, 0,0,0,0,0) Vo.778152 + 0,079182 + 0.778152 + .0.301032 VO.60551+ 0,00 626+ 0.60551+ 0.09061 = X 1,30789 = 1.19363

[D4] = (0,0,0,0.68042,0,0.06923,0,0,0,0.68092,0,0,0.26322,0,0,0,0,0)

D6: (0,0,0,0,0,0,0,0.07918, 0.77815, 0,0,0,0,0,0.3010), 0,0,0,0,0)

$$= \frac{\times}{\sqrt{0.07918^2 + 0.77815^2 + 0.70103^2}}$$

$$= \frac{\times}{\sqrt{0.00626 + 0.60551 + 0.09061}}$$

$$= \frac{\times}{\sqrt{0.70238}} = \frac{\times}{0.83808}$$

[061 = (0,0,0,0,0,0,009447, 0,92899,0,0,0,0,0,0,0,0,0,0,0,0)

3. Query = "Touch Howan Islam dan Penenvannya" luge folding => " tokoh ilmuan islum dun penemuannya" Stopword =7 "tokoh ilmvan islam penemuannya" Stemming => "kown ilmvan islam temu" Model Veutor => (0,0,1,0,0,1,0,0,0,0,0,0,0,1,1) \Rightarrow (0,0,0.30103,0,0,0.07918,0,0,0,0,0,0,0,0,0.77815,0.47712) Vo. 301032+ 0.079182+ 0.778152+ 0.471122 VO.09061+ 0.00626 + 0.60551 + 0.22769

 4. Menghing Kemirilan 0.29293 x 0.31215 + 0.06389 x 0.08210+ 0.62796 x 0.80690 + 0.38503 x 0.99975 Cosine (D1,Q) = \(\int_{(0.242932+0.063893+0.627962+0.627962+0.385032)\times (0.312152+0.082102+0.806903+0.494753)\) $\frac{0.77826}{\sqrt{9.00001 \times 1.0000}} = \frac{0.77826}{1.00000} = 0.77826$ 0,26322 x 0.31215 + 0.06389 x 0.08210 V(0.26322 + 0.06923 + 0.68042 + 0.68042) × (0.31215 + 0.08210 + 0.8069 + 0.49475) cosine (Dz, a) = $= \frac{0.08740}{1.00002 \times 1} = \frac{0.08740}{1.00001} = 0.08739$ $\frac{0.24293 \times 0.31215 + 0.06389 \times 0.08210 + 0.28503 \times 0.45475}{\sqrt{(0.24293^2 + 0.62796^2 +$ Cosine (Dz,Q) = - $= \frac{0.27156}{\sqrt{1.00001 \times 1}} = \frac{0.27156}{1} = \frac{0.27156}{1}$ Cosine (D4, 0) = Vo.680422 + 0.069232 + 0.680422 + 0.263222) × (0.312152 + 0.082102 + 0.806902 + 0.494752) = 0.00568 = 0.00567

(0) ine (DS,Q) = 0 0.09497 x 0.31215 (0) ine (D6,Q) = (0,094972 + 0,928492 + 0.359192) x (0.312152 + 0.082102 + 0.806902 + 0.494752) $= \frac{0.02948}{\sqrt{100007\times1}} = \frac{0.02948}{1.00001} = 0.02947$

5. Peranguingan

Query = "Touch limuan Islam don Penemuannya"

- 1. P1 = 0.77826
- 2. D3: 0.27156
- 3. D2 : 0.08739
- 4. 76:0.02947
- S. D 4 = 0.00567
- 6.05=0

Kesinpulannya, Pokumen 1 memiliki kemiripan Paling tinggi dengan Query