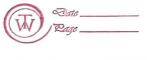
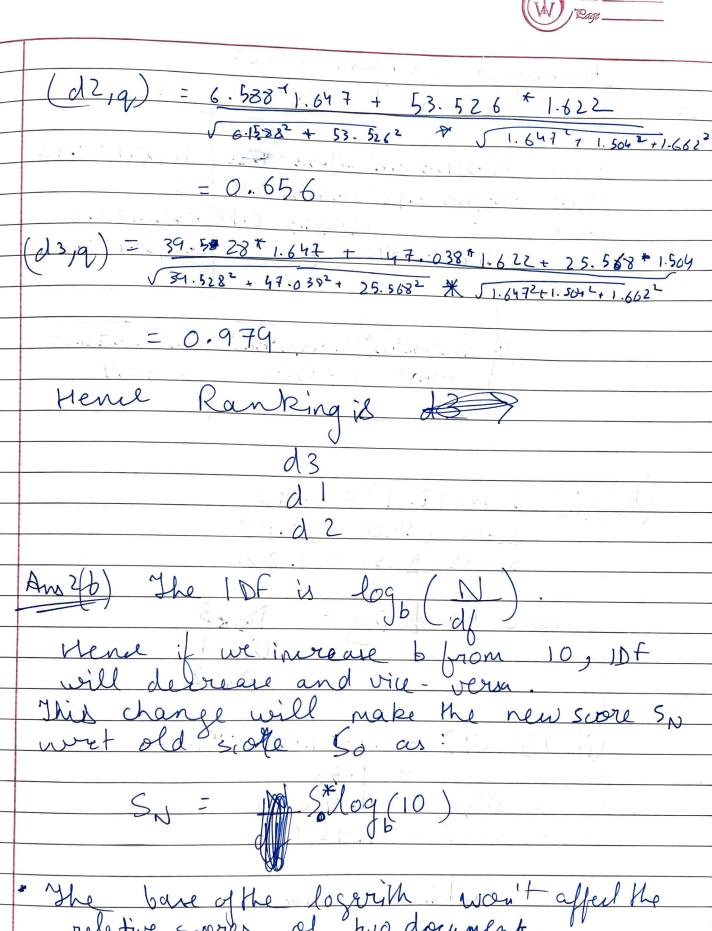
Sahil Iindel 1805 10048 InformationRetrieval Test -1 Docl Pocl2 Doc 3 1 0 new approach 0 0 developed 0



len ( (ovid OR vaccine) = 326812 + 233312 lan ( Judia or lockdown) = 400 530 + 161658 len (della anvariant) = 107913+ 87009 = 194922 Thus we should first process (delta OR variant) AND (covid OR vaccine) and then the result with AND (Indina ORlockdown) ((delta OR variant) AND (carried OR vaccine)) AND (India OR )
lockdenon

Aust (a) N=806791 term al als 1.6-47 18165 (ar 1.622 19241 i surance MAN : 50 40h 25235 The materia for tf-idf score is using ntc, ntc [that is tf = ff,d] is: bert insuran e 14 1.504 = 21.056 0 + 1.622 = 0 27\*1.647 = 44.469 0-1.504 =0 33+ 1.622 = 53.526 4 1.647 = 6.5 83 29#1.622 = 47.038 17 1.504 = 25.568 24\*1.647= 39.528 1-504 1.622 1.647 Cosine similaring: (dl, q) = 44.469°1.647 + 21.056°1.504 J44.4692 + 21.0502 \* 1.6472 + 1.5042 + 1.6122 = 200 0.7731



The base of the logerish won't affeil the relative scores of two documents.



	Normalie	ed Euclid	ean Vectors:			
$ \Lambda$ 3 (a)		Doc	Doc 2	Doc 3		
		100				
	11-01-10	140.5/43.5=0.93	(.6)65.5 =	21.3/50.4 = 0.42		
	Moura	52113 F = - 13	40.3/65.5 = 0.61	0		
		5.2 45.5 -0.12	512/15 0.78	405/504=0.8		
	Loan	15112 1 2 2 4	5.2/63.9	12/50.4=0.42		
		15/43.5=.0.37	0	21.2   50.4=0.42		
2-1.1	att to entering the		, - 1 - 1 - 1 - 2			
			2	(a, 2, 1, c2, 1) 2		
-	lenght	J 40.52+5.22+15	J6.62+40.32+51.2	·J21.32+40.52 21.22		
		= 43.5	= 65.5			
	-		JAN TOND	1 Hovell 1		
			(			
(b) (i) Score (Doct) = 0.93						
	Scare (Pac2) = 0.88					
Score (Ja3) - 1.22						
1 1/2 A A A A A A A A A A A A A A A A A A A						
vene Ranking = Dox3						
Med since Day 2 like						
		Ty - UT	NO ZNO DE DOMEN	C UK,		
This super world make the majories some						
(ii) S(D1) = 0.93+ 1.65+ 0+1.62						
- 1.53						
S(D2) = 11.19.2						
3 (D3) = 1.989						
111	D. L.					
7 13 1 1-1	Kanking = Voc S					
	Doc )					
	Dor 2					



Ans 4 (a)	7, 13, 17, 21, 24, 35, 38, 46
	18, 25, 35
; (ì)	
1. 2, 4 2. 5, 4 3. 5, 4	2. 5. 4 3. 5, 10
5. 5,10 -> 5. 10,10 6. 13,18	-> 4. 21,18 -> 4. 21,18
3. 17, 18 9. 21, 18	8. 21, 25 9. 24, 25 10 35, 25
10. 21, 25 11. 24, 25 12. 46, 25	-) 1) 35, 35 12 38, 35 13, 46, 35
13. 35, 25 -> 14. 35, 35 15. \$8,35	
16. 46,35 end	