

Fait distance [weilication]

HORSE JJJJJ SORSE

8 ... edit distance is 1

Using the 3 cinsution, deletion & substitute use can coloran the delet distance.

Here we sule H -> 5 the Rest remains the some.

5= 9 the stitution

Addition the levenshin matrix

		3	0 1	RS	E
	0	1	2	3 4	5
H	1	2	3	5.	5
1		1		1	
0	2	3	2	2	45
R	3	-	3		1
10/	4	1	8	9	3 4
1	15	1	4	3	2 3
,			5	4	3 2

	1	S	0	RSE
	0	15	2	3 4 5
Н	1	1	2	3 4 5
0	2	2	11	2 3 4
R	3	3	2	1 2 3
S	4	3	3	2 1 2
E	5	4	4	3 2 1
-				5
-				edit dist

edit distance

Application of edit distance:

- * It's application is that it can be can be it is used in spell check (Auto correct)
- x It is used to find the distance lecturen theo string's
- I I is also used in the dictionary to display all the words in that near proximity.

* If the 8, 952, down't model.

(1) S & H down't moth honer.

min (1,0,1)+1=1 (0+1)

(2) S & O down4 match.

min (1,1,2) + 1=2.

(3) S&R down H motch.

min (2, 2, 3) + 1 = 3.

(4) S&S match. hence the diagonal element are common

(5) Sgir down't moth.

min (3,4,0) +1=4.

there fore after using the algorithm we know that the we need I stain to be but south another to obtain the fairable out put

Here fore after using the algorithm were know that the were need I storing to the bules with another to obtain the fairable out ped.

2) Featur Chation:

manually belief those pertury I fields which contribute.

most to your prediction variables or output analysis

if we select irrelevant pecture in the field I field in the

dada if oreduces its accuracy of the moder of maker's

it issue bound features.

Importance of Fs:

I It enable the machine booking algorithm to

* It ou dues the complicity of a model is make it down. to interped.

* It impresent the accuracy of a moder in the sight. much in chown

* It reduced bout fitting.

Returned partners - whose that, need to perfor and. Redyndent father - those that checome incurrent. I sectionent footness - those that are simply immercy. in the persons of others

\$ 3 main category of hatus, solvention

* 3 main category of fratus selection. The state of the state of the same of

+ Hitter mulliady

-> werapper methody

- umbedded metusdy

lon chuidy on featur relection.

Potential Manufier.

-) To wim person accuracy

> Reduce computation.

-> Reduce space.

I Reduce cost of future measurements

Impersed dock / model understanding