Detection and Prediction of Future Mental Disorder from social media data using ML, Ensemble learning and LLM

Load CSV File

Train and Test

Run RandomForest Algorithm

Run Decision Tree Algorithm

jj

Predict

Enter Statement for Prediction:

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Predict

Enter Statement for Prediction:

Success ×

ⓘ CSV loaded successfully.

OK

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Predict

Enter Statement for Prediction:

Data split: 80% for training, 20% for testing.

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Enter Statement for Prediction:

Decision Tree Accuracy on Test Set: 66.95%

Mental Health Disorder Detection

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Predict

Enter Statement for Prediction:

RandomForest Accuracy on Test Set: 74.10%

Mental Health Disorder Detection

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Predict

Enter Statement for Prediction:

I've shifted my focus to something else but I'm still worried

Prediction for Statement:
RandomForest Prediction: Anxiety, Probability: 95.00%
DecisionTree Prediction: Anxiety, Probability: 100.00%

Mental Health Disorder Detection

Future Mental Disorder from social media data using ML,

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Train and Test

Run RandomForest Algorithm

Run Decision Tree Algorithm

Predict

Enter Statement for Prediction:

I've shifted my focus to something else but I'm stil I worried

Decision Tree Accuracy on Test Set: 66.95%

Combined Data - Excel

B5   I've shifted my focus to something else but I'm still worried

	A	B	C	D	E
1		statement	status		
2		0 oh my gosh	Anxiety		
3		1 trouble sleeping, confused mind, restless heart. All out of	Anxiety		
4		2 All wrong, back off dear, forward doubt. Stay in a restless	Anxiety		
5		3 I've shifted my focus to something else but I'm still worrie	Anxiety		
6		4 I'm restless and restless, it's been a month now, boy. Wh:	Anxiety		
7		5 every break, you must be nervous, like something is wron	Anxiety		
8		6 I feel scared, anxious, what can I do? And may my family	Anxiety		
9		7 Have you ever felt nervous but didn't know why?	Anxiety		
10		8 I haven't slept well for 2 days, it's like i'm restless. why hu	Anxiety		
11		9 I'm really worried, I want to cry.	Anxiety		
12		10 always restless every night, even though I don't know wh	Anxiety		
13		11 I'm confused, I'm not feeling good lately. Every time I wan	Anxiety		
14		12 sometimes what is needed when there is a problem is to I	Anxiety		
15		13 Because this worry is you.	Anxiety		
16		14 Sometimes it's your own thoughts that make you anxious	Anxiety		
17		15 Every time I wake up, I'm definitely nervous and excited,	Anxiety		
18		16 I can only hope, even though I'm worried if it starts like th	Anxiety		
19		17 restive = restless, restless	Anxiety		
20		18 "No regrets or grudges/angry at things that have passed,	Anxiety		
21		19 If the guy is sick, the girl actually feels sick indirectly. He m	Anxiety		
22		20 I've been the most anxious person before I became the m	Anxiety		
23		21 Successfully online at 9am. Even sleeping in a state of rest	Anxiety		

Combined Data

READY