

Train Stats

Train Scores

F1-Score : 0.9961206850932236

Precision : 0.9961531627089814

Recall : 0.996125066809193

Accuracy : 0.996125066809193

Train Scores

	precision	recall	f1-score	support
X	1.000	1.000	1.000	2
PART	1.000	0.994	0.997	163
CCONJ	0.993	1.000	0.997	150
SCONJ	0.984	1.000	0.992	61
ADJ	0.998	0.998	0.998	569
ADP	0.998	0.999	0.999	1384
ADV	1.000	0.973	0.986	110
VERB	0.998	0.981	0.990	639
DET	0.996	0.996	0.996	230
NOUN	0.994	0.999	0.997	1596
PRON	0.998	0.995	0.997	430
PROPN	1.000	0.992	0.996	707
NUM	1.000	1.000	1.000	152
PUNCT	1.000	1.000	1.000	563
AUX	0.985	1.000	0.993	728
accuracy			0.996	7484
macro avg	0.996	0.995	0.996	7484
weighted avg	0.996	0.996	0.996	7484

Train Sentences

Top likely transitions:

VERB	->	AUX	4.005966
PROPN	->	PROPN	2.544374
AUX	->	AUX	2.297002
ADJ	->	NOUN	2.219601
PROPN	->	ADP	2.204116
PRON	->	ADP	1.958806
NUM	->	NOUN	1.869655
AUX	->	SCONJ	1.824453
NOUN	->	ADP	1.763550
VERB	->	SCONJ	1.743490

Top unlikely transitions:

AUX	->	ADP	-1.179227
ADV	->	AUX	-1.183643
PROPN	->	PART	-1.200343
PROPN	->	AUX	-1.251415
PROPN	->	DET	-1.259998
AUX	->	ADJ	-1.384617
CCONJ	->	AUX	-1.498200
DET	->	ADP	-1.911078
ADJ	->	PRON	-1.970602
ADJ	->	ADP	-2.037182

Test Scores

Test Scores

F1-Score : 0.8408460437174989

Precision : 0.844214976334156

Recall : 0.8421052631578947

Accuracy : 0.8421052631578947

Test Scores

	precision	recall	f1-score	support
X	0.000	0.000	0.000	0
PART	0.938	0.909	0.923	33
CCONJ	1.000	1.000	1.000	25
SCONJ	0.750	1.000	0.857	3
ADJ	0.643	0.787	0.708	94
ADP	0.955	0.970	0.962	303
ADV	0.600	0.429	0.500	21
VERB	0.837	0.778	0.806	99
DET	0.842	0.889	0.865	36
NOUN	0.791	0.855	0.822	324
PRON	0.797	0.846	0.821	65
PROPN	0.639	0.542	0.586	144
NUM	0.957	0.880	0.917	25
PUNCT	1.000	0.828	0.906	134
AUX	0.921	0.935	0.928	138
micro avg	0.842	0.842	0.842	1444
macro avg	0.778	0.777	0.773	1444
weighted avg	0.844	0.842	0.841	1444

Test Sentences

Top likely transitions:

VERB	->	AUX	3.492938
AUX	->	AUX	2.566234
PROPN	->	ADP	2.298786
PROPN	->	PROPN	2.229434
AUX	->	PUNCT	1.957406
NUM	->	NUM	1.665870
ADJ	->	NOUN	1.580236
PRON	->	ADP	1.502749
NUM	->	NOUN	1.469844
PART	->	NUM	1.430389

Top unlikely transitions:

VERB	->	PRON	-0.955955
PROPN	->	AUX	-1.062427
NOUN	->	NOUN	-1.101574
NOUN	->	DET	-1.148694
DET	->	PROPN	-1.203906
AUX	->	VERB	-1.227718
ADJ	->	ADP	-1.261130
ADP	->	PUNCT	-1.307790
VERB	->	PROPN	-1.319346
PROPN	->	ADJ	-1.367929

