Tableau comparatif des méthodes et des résultats

Windows size	Modèl	best params	Accuracy	Precision	F1
100	RandomForest	max_features': 'log2', 'n_estimators' : 100	0.56	0.61	0.48
	KNN	'n_neighbors' : 21, 'p': 2	0.53	0.54	0.55
	MLP	layers = 3 (100,50,20)	0.55	0.55	0.61
500	RandomForest	max_features': None, 'n_estimators' : 50	0.56	0.60	0.5
	KNN	'n_neighbors' : 9, 'p': 1	0.57	0.57	0.59
	MLP	layers = 3 (100,50,20)	0.51	0.52	0.56
1000	RandomForest	'max_features': None, 'n_estimators' : 150	0.58	0.62	0.55
	KNN	'n_neighbors' : 3, 'p': 1	0.53	0.54	0.56
	MLP	layers = 3 (100,50,20)	0.52	0.52	0.65
1500	RandomForest	'max_features': 'log2', 'n_estimators' : 50	0.59	0.65	0.54
	KNN	'n_neighbors' : 15, 'p': 2	0.52	0.54	0.52
	MLP	layers = 3 (100,50,20)	0.51	0.63	0.24
2000	RandomForest	'max_features': 'sqrt',	0.62	0.66	0.6

		'n_estimators' : 50			
	KNN	'n_neighbors' : 11, 'p': 2	0.51	0.53	0.5
	MLP	layers = 3 (100,50,20)	0.51	0.51	0.67