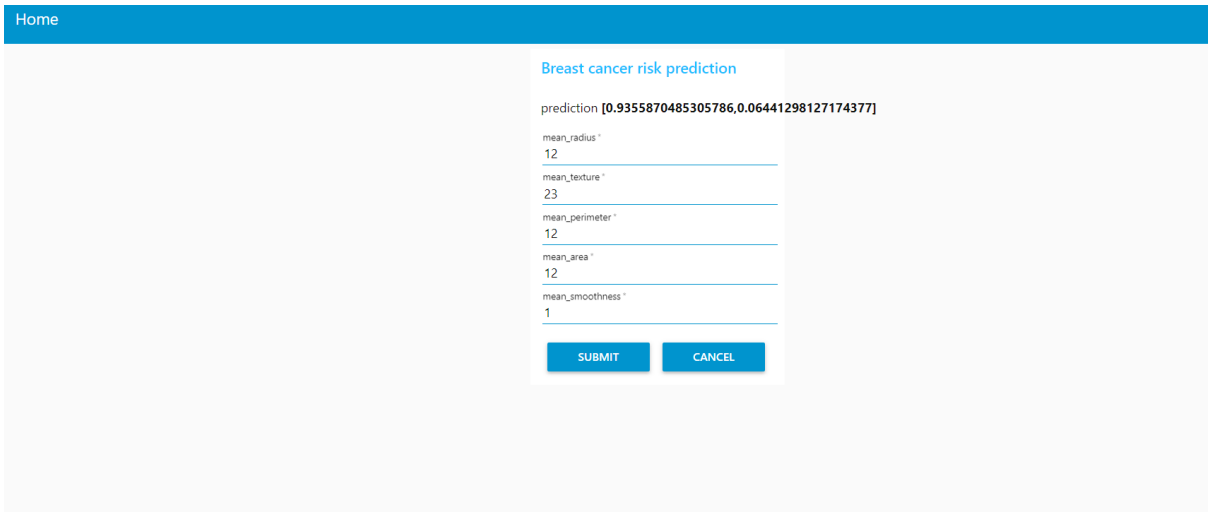
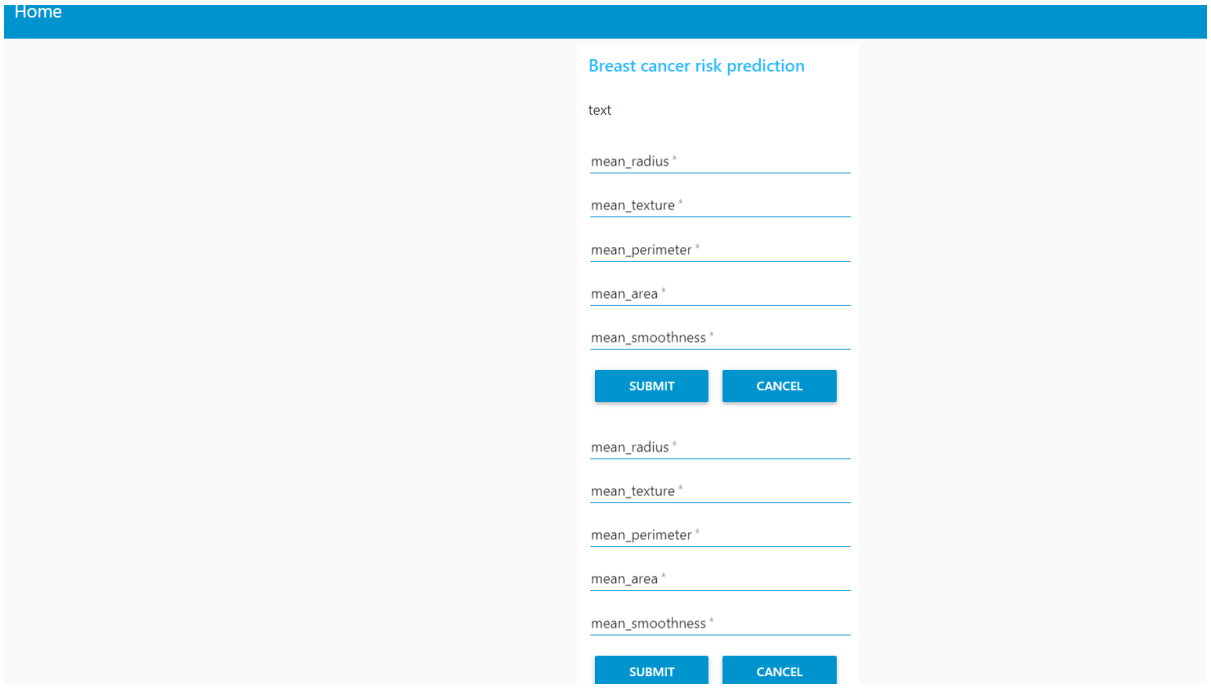
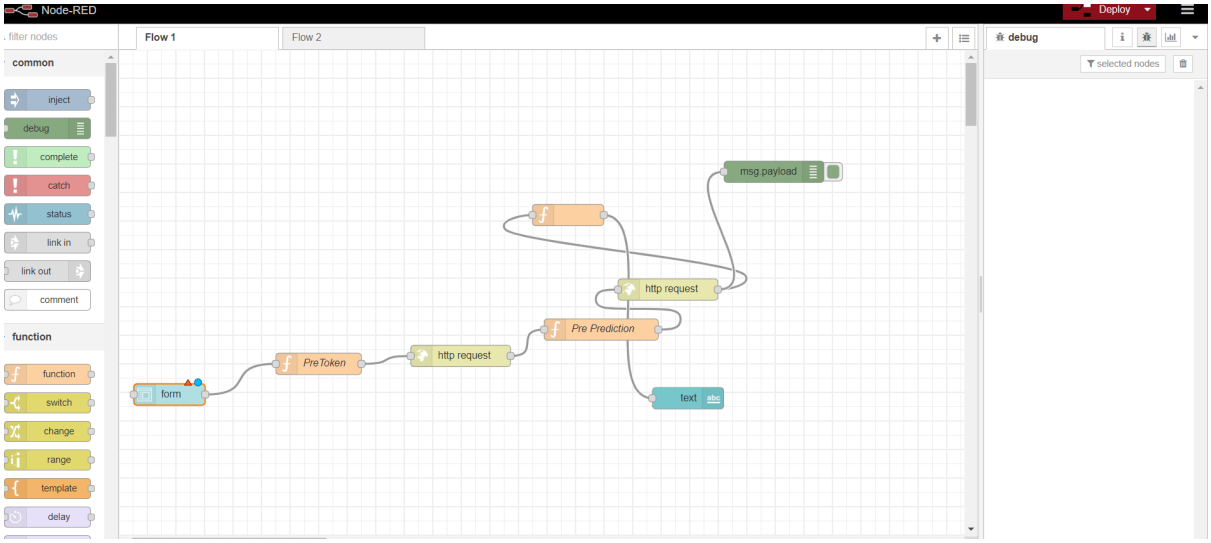
OUTPUT SCREEN WITH THE PREDICTION (NODE-RED WEB APPS)



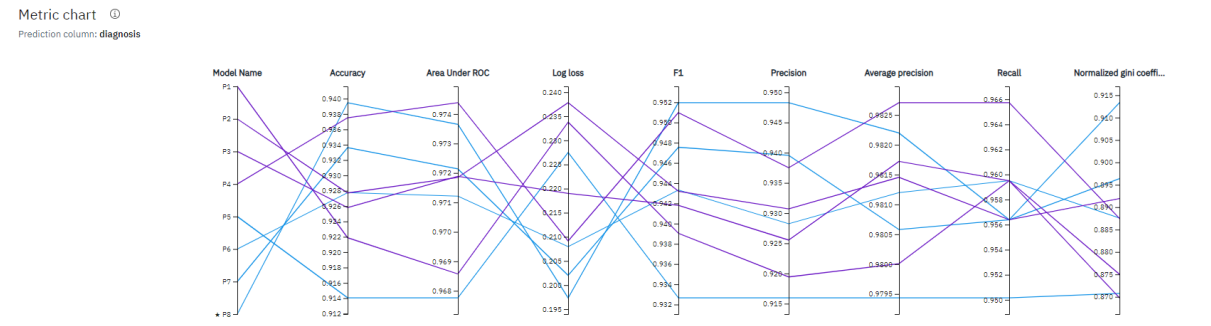
OUTPUT SCREEN OF THE MODEL'S WEB APP USING NODE-RED

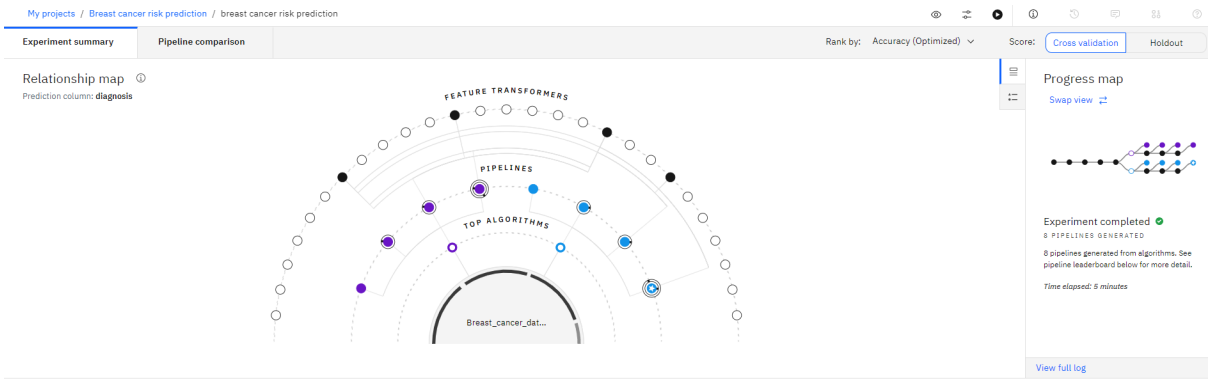




ABOVE IS THE PICTORIAL REPRESENTATION OF HOW THE NODES WERE ARRANGE TO MAKE WEB APP USING NODE-RED

BELOW THREE IMAGES ARE OF THE DATASET WHEN RUN USING AutoAI EXPERIMENT ,In IBM Watson





Pipeline leaderboard

	Rank	Name	Algorithm	Accuracy (Optimized)	Enhancements	Build time
›	★ 1	Pipeline 8	XGB Classifier	0.939	HPO-1 FE HPO-2	00:01:05
›	2	Pipeline 4	Gradient Boosting Classifier	0.938	HPO-1 FE HPO-2	00:00:12
›	3	Pipeline 7	XGB Classifier	0.934	HPO-1 FE	00:01:05
›	4	Pipeline 6	XGB Classifier	0.928	HPO-1	00:00:16
›	5	Pipeline 2	Gradient Boosting Classifier	0.928	HPO-1	00:00:06
›	6	Pipeline 3	Gradient Boosting Classifier	0.926	HPO-1 FE	00:00:43
›	7	Pipeline 1	Gradient Boosting Classifier	0.922	*None*	00:00:01
›	8	Pipeline 5	XGB Classifier	0.914	*None*	00:00:01

BELOW IS THE PREDICTION BY 4 KINDS OF MODEL ON THE SAME DATASET.(THIS IS THE RESULT OF SOURCE CODE)

```
[0]Logistic regression training accuracy 0.8923076923076924
[1]Decision Tress classification training accuracy 1.0
[2]KNN training accuracy 0.9252747252747253
[3]Naive - Bayes training accuracy 0.8835164835164835
```

BELOW IS THE PREDICTION OF THE MODEL ON THE TEST DATASET.MODEL 0,1,2,3 REPRESENTS LOGISTIC REGRESSION ,DECISION TREES ,KNN AND NAÏVE-BAYES

```
model: 0
[[40  7]
 [ 4 63]]
testing accuracies = 0.9035087719298246
model: 1
[[40  7]
 [11 56]]
testing accuracies = 0.8421052631578947
model: 2
[[38  9]
 [ 5 62]]
testing accuracies = 0.8771929824561403
model: 3
[[41  6]
 [ 2 65]]
testing accuracies = 0.9298245614035088
```