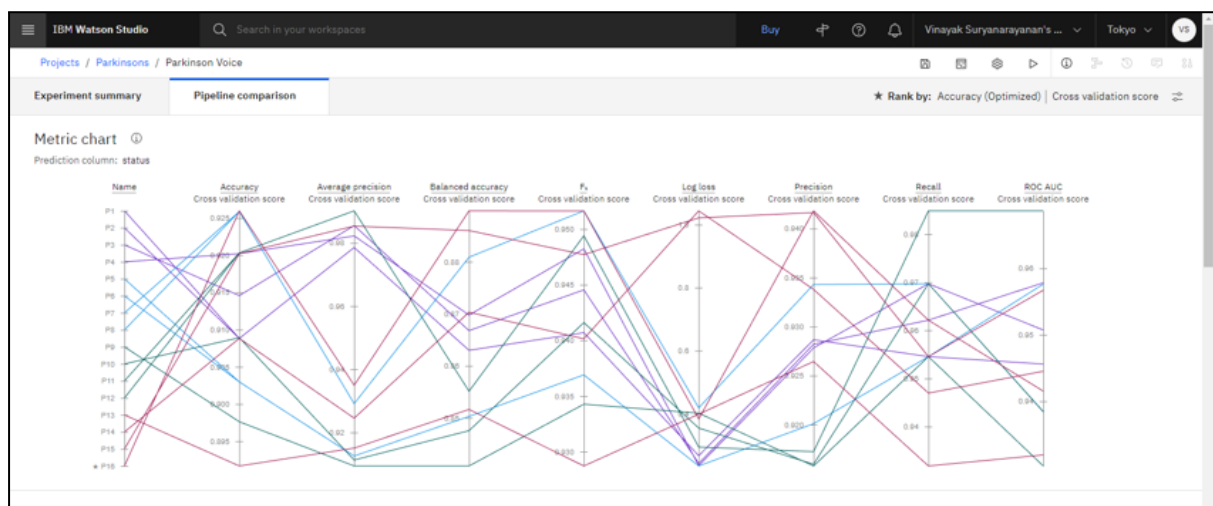
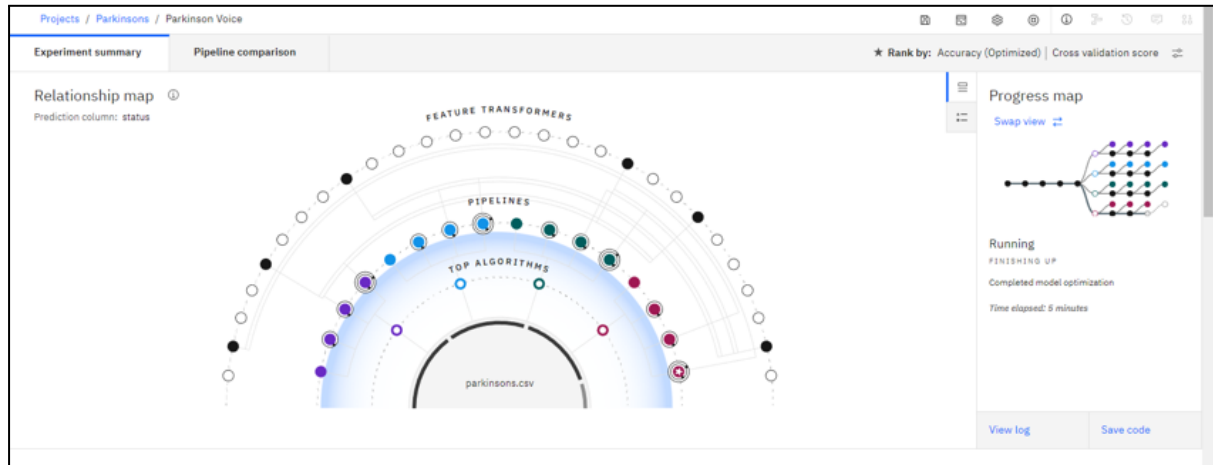


TRAINING MODEL ON IBM WATSON

Team ID	PNT2022TMID35637
Project Name	Detecting Parkinsons' Disease Using Machine Learning

Model Training using IBM Watson AutoAI



Pipeline leaderboard						
Rank	↑	Name	Algorithm	Accuracy (Optimized) Cross validation	Enhancements	Build time
★	1	Pipeline 16	Snap Boosting Machine Classifier	0.926	HPO-1 FE HPO-2	00:00:42
	2	Pipeline 8	Extra Trees Classifier	0.926	HPO-1 FE HPO-2	00:00:38
	3	Pipeline 7	Extra Trees Classifier	0.926	HPO-1 FE	00:00:26
	4	Pipeline 12	Gradient Boosting Classifier	0.920	HPO-1 FE HPO-2	00:00:46
	5	Pipeline 11	Gradient Boosting Classifier	0.920	HPO-1 FE	00:00:33
	6	Pipeline 15	Snap Boosting Machine Classifier	0.920	HPO-1 FE	00:00:32

Projects / Parkinsons / Parkinson Voice						
Experiment summary		Pipeline comparison		★ Rank by: Accuracy (Optimized) Cross validation score		
7	Pipeline 4	XGB Classifier	0.920	HPO-1 FE HPO-2		00:00:49
8	Pipeline 3	XGB Classifier	0.915	HPO-1 FE		00:00:30
9	Pipeline 10	Gradient Boosting Classifier	0.909	HPO-1		00:00:06
10	Pipeline 14	Snap Boosting Machine Classifier	0.909	HPO-1		00:00:04
11	Pipeline 2	XGB Classifier	0.909	HPO-1		00:00:06
12	Pipeline 1	XGB Classifier	0.909	None		00:00:01
13	Pipeline 6	Extra Trees Classifier	0.903	HPO-1		00:00:05
14	Pipeline 5	Extra Trees Classifier	0.903	None		00:00:01
15	Pipeline 9	Gradient Boosting Classifier	0.898	None		00:00:01
16	Pipeline 13	Snap Boosting Machine Classifier	0.892	None		00:00:01

Saving models in IBM Cloud

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Projects / Parkinsons / Parkinson Voice

Experiment summary

Pipeline comparison

★ Rank by: Accuracy (Optimized) | Cross validation score



Pipeline leaderboard

	Rank	↑	Name	Algorithm	Accuracy (Optimized) Cross Validation	Enhancements	Build time
★	1		Pipeline 16	Snap Boosting Machine Classifier	0.926	HPO-1 FE HPO-2	00:00:42
	2		Pipeline 8	Extra Trees Classifier	0.926	HPO-1 FE HPO-2	00:00:38
	3		Pipeline 7	Extra Trees Classifier	0.926	HPO-1 FE	00:00:26
	4		Pipeline 12	Gradient Boosting Classifier	0.920	HPO-1 FE HPO-2	00:00:46
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	6		Pipeline 15	Snap Boosting Machine Classifier	0.920	HPO-1 FE	00:00:32

Notebook saved successfully.
Parkinson Voice - P7 Notebook was successfully saved to Parkinsons.
[View in project](#)

Saved model successfully.
Parkinson Voice - P7 Extra Trees Classifier was successfully saved to Parkinsons.
[View in project](#)

Saved model successfully.
Parkinson Voice - P16 Snap Boosting Machine Classifier was successfully saved to Parkinsons.
[View in project](#)

Notebook saved successfully.
Parkinson Voice - P16 Notebook was successfully saved to Parkinsons.
[View in project](#)

Feedback

Save as

Select asset type

Model

Create a Watson Machine Learning model asset that you can test with new data, deploy to generate predictions, and trace lineage activity.

Notebook

Create a notebook if you want to view the code that created this model pipeline or interact with with the model programmatically.

Define details

Name

Parkinson Voice - P7 Extra Trees Classifier

Description (optional)

Enter description here

Tags

Add tags to make assets easier to find.

Add a tag

Cancel

Create