

IBM SkillsBuild Internship

SB4C AICTE Internship Bar

SB4Academia_Problem St

Machine Predictive Mainte

Service Details - IBM Cloud

IBM watsonx.ai Studio

au-syd.dai.cloud.ibm.com/ml/auto-ml/c8e4c9d5-60e3-4bee-bfa7-2aaa5a06121e/train?projectId=58965403-80be-45d6-ae3e-5ffe19c0f88c&context=cpdaas

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AMIAN JAMBEHLKAR's Acc...

Sydney

Project / last_01 / MAINTAIN_m

Experiment summary

Pipeline comparison

Rank by: Accuracy (Optimized) Cross validation score

Relationship map

Prediction column: Failure Type

FEATURE TRANSFORMERS

PIPELINES

TOP ALGORITHMS

Progress map

View view

Experiment completed

8 PIPELINES GENERATED

If pipelines generated from algorithms. See pipeline leaderboard below for more detail.

Time elapsed: 4 minutes

View log

Save code

Pipeline leaderboard

	Rank	↑	Name	Algorithm	Specialization	Accuracy (Optimized) Cross Validation	Enhancements	Build time
★	1		Pipeline 4	ⓘ Snap Random Forest Classifier		0.995	HPO-1 FE HPO-2	00:00:35
	2		Pipeline 3	ⓘ Snap Random Forest Classifier		0.995	HPO-1 FE	00:00:28
	3		Pipeline 6	ⓘ Snap Decision Tree Classifier		0.994	HPO-1 FE HPO-2	00:00:25
	4		Pipeline 2	ⓘ Snap Random Forest Classifier		0.994	HPO-1	00:00:09
	5		Pipeline 1	ⓘ Snap Random Forest Classifier		0.994	None	00:00:04
	6		Pipeline 7	ⓘ Snap Decision Tree Classifier		0.993	HPO-1 FE	00:00:22

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Experiment summary Pipeline comparison

Rank by: Accuracy (Optimized) Cross validation score

Progress map

Prediction column: Failure Type

Relationship map

Swap view

Experiment completed

8 PIPELINES GENERATED

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Time elapsed: 4 minutes

View log Save code

Pipeline leaderboard

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	4		Pipeline 2	○ Snap Random Forest Classifier		0.994	HPO-1	00:00:09
	5		Pipeline 1	○ Snap Random Forest Classifier		0.994	None	00:00:04
	6		Pipeline 7	○ Snap Decision Tree Classifier		0.993	HPO-1 FE	00:00:22

IBM SkillsBuild Internship x SB4C AICTE Internship Bar x SB4Academia_Problem St x Machine Predictive Mainte x Service Details - IBM Cloud x MAINTAIN_DEP01 — MAI x

au-syd.dai.cloud.ibm.com/ml-runtime/deployments/ef135da8-8e11-4a54-aa2c-53b8d88497d8/test?space_id=d1d997ce-bd69-4966-b37f-8ab61b142bdd&context=cpdaas&fl...

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Deployment spaces / MAINTAIN_DEP / P4 - Snap Random Forest Classifier: MAINTAIN_m /

MAINTAIN_DEP01 Deployed Online

API reference **Test**

Enter input data

Text JSON

Enter data manually or use a CSV file to populate the spreadsheet. Max file size is 50 MB.

[Download CSV template](#) [Browse local files](#) [Search in space](#) [Clear all](#)

	UDI (double)	Product ID (other)	Type (other)	Air temperature [K] (double)	Process temperature [K] (double)	Rotational speed [rpm] (double)	Torque [Nm] (double)	Tool wear [min] (double)	
1	1	M14860	M	298.1	308.6	1551	42.8	0	0
2	2	L47181	L	298.2	308.7	1408	46.3	3	0
3	3	L47182	L	298.1	308.5	1498	49.4	5	0
4	4	L47183	L	298.2	308.6	1433	39.5	7	0
5	5	L47184	L	298.2	308.7	1408	40	9	0
6									
7									
8									
9									

5 rows, 9 columns

Predict

M Prediction results

Prediction type

Multiclass classification

Prediction percentage

5 records

No Failure

Confidence level distribution

5

number of records

Display format for prediction results

☐ Table view ☐ JSON view

Show input data

	Prediction	Confidence
1	No Failure	100%
2	No Failure	100%
3	No Failure	100%
4	No Failure	100%
5	No Failure	100%
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Download JSON file