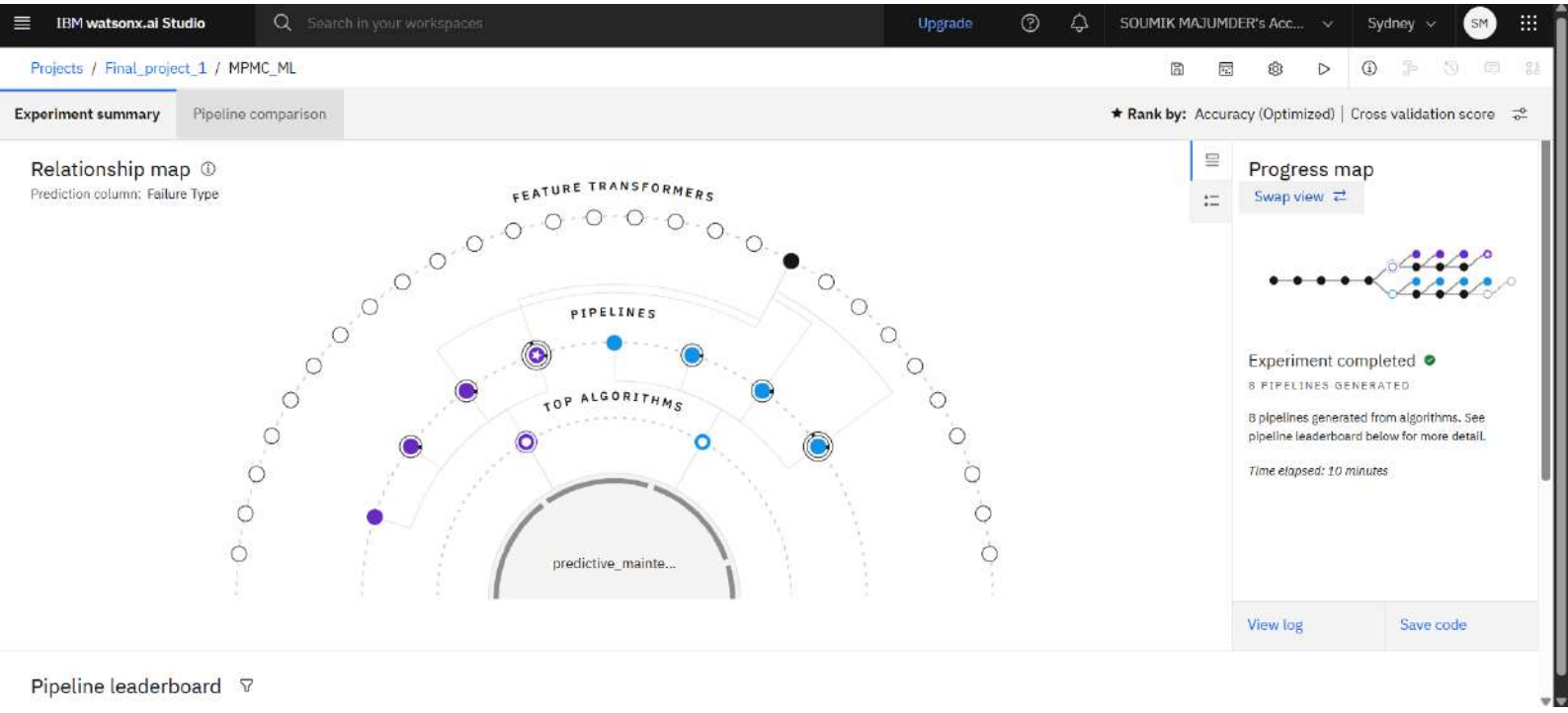
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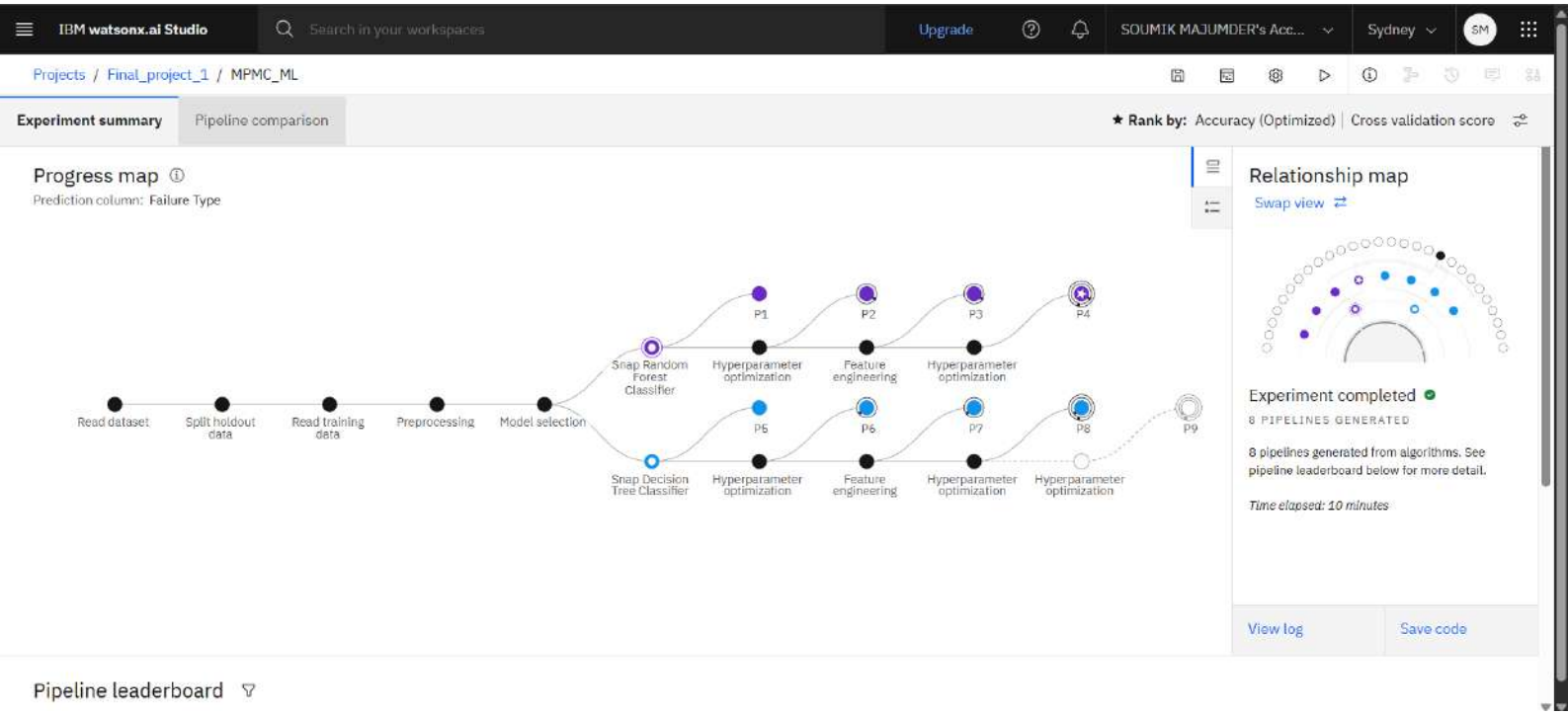
Experiment summary
Pipeline comparison
★ Rank by: Accuracy (Optimized) | Cross validation score
Relationship map
Prediction column: Failure Type
FEATURE TRANSFORMERS
PIPELINES
TOP ALGORITHMS
predictive_mainte...
Progress map
Swap view
Experiment completed
8 PIPELINES GENERATED
8 pipelines generated from algorithms. See pipeline leaderboard below for more detail.
Time elapsed: 10 minutes
View log
Save code
Pipeline leaderboard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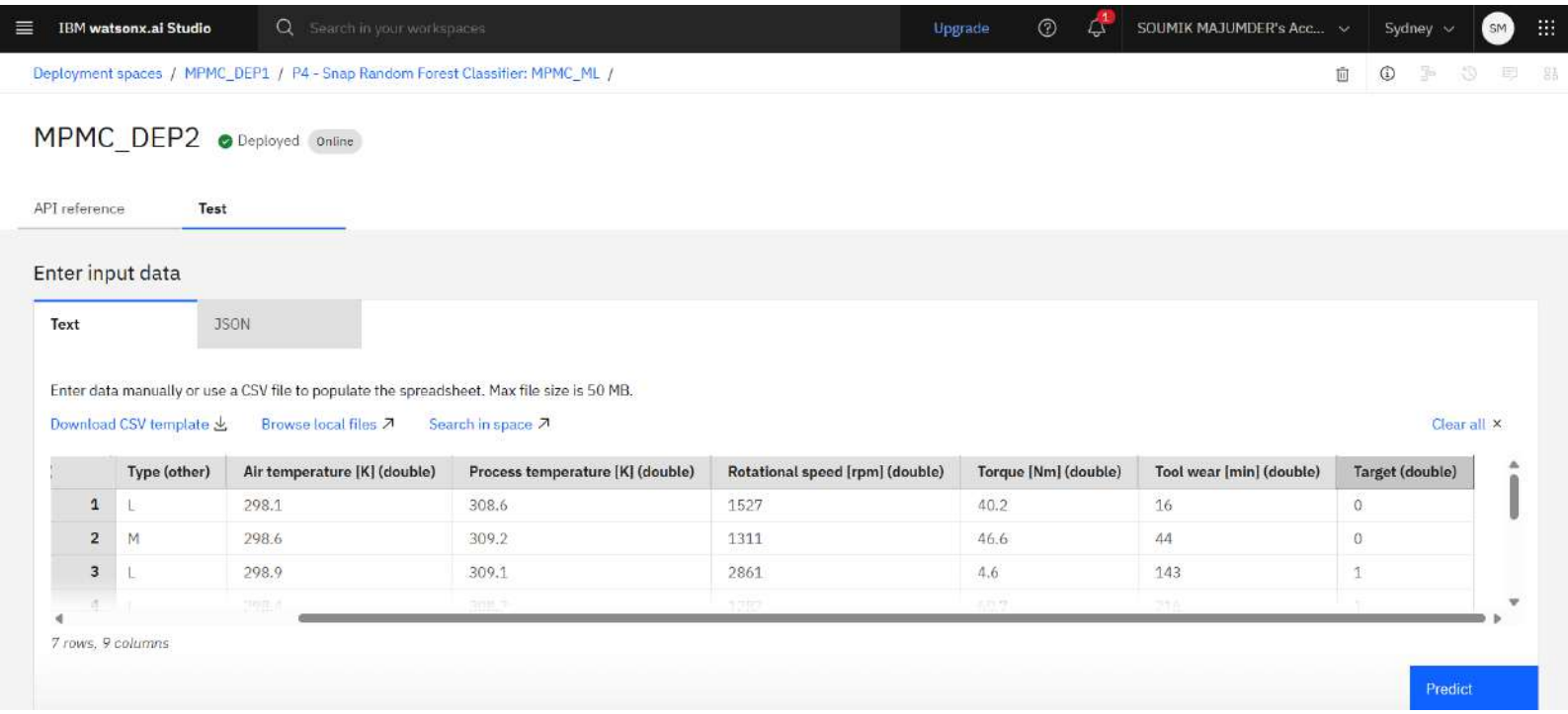
Experiment summary
Pipeline comparison
★ Rank by: Accuracy (Optimized) | Cross validation score
Progress map
Prediction column: Failure Type
Read dataset
Split holdout data
Read training data
Preprocessing
Model selection
Snap Random Forest Classifier
Snap Decision Tree Classifier
Hyperparameter optimization
Feature engineering
Hyperparameter optimization
P1
P2
P3
P4
P5
P6
P7
P8
P9
Relationship map
Swap view
Experiment completed
8 PIPELINES GENERATED
8 pipelines generated from algorithms. See pipeline leaderboard below for more detail.
Time elapsed: 10 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	00:02:15
	2	**Pipeline 3**	Snap Random Forest Classifier		0.995	HPO-1 FE	00:01:17
	3	**Pipeline 8**	Snap Decision Tree Classifier		0.994	HPO-1 FE HPO-2	00:02:10
	4	**Pipeline 2**	Snap Random Forest Classifier		0.994	HPO-1	00:00:06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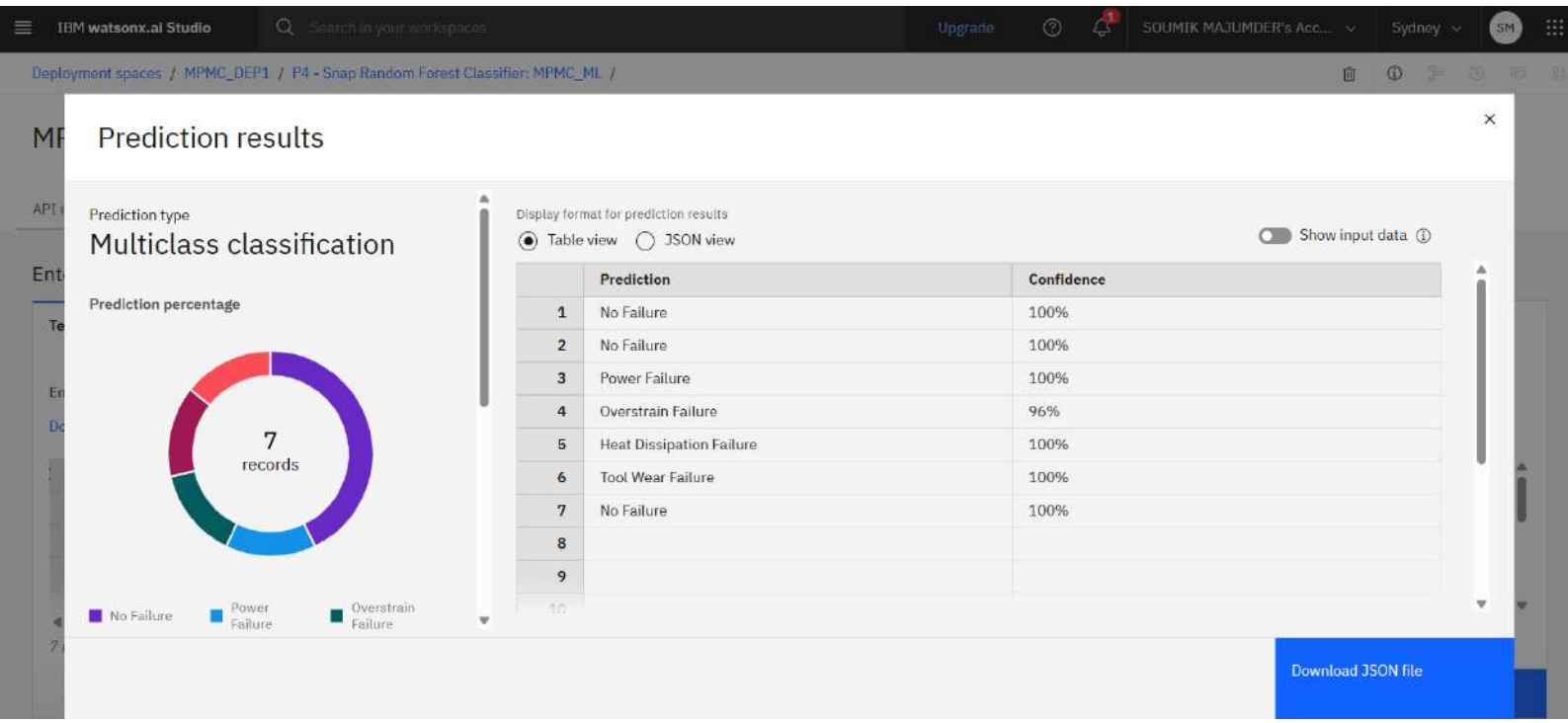
Deployment spaces / MPMC_DEP1 / P4 - Snap Random Forest Classifier: MPMC_ML /
MPMC_DEP2
Deployed
Online
API reference
Test
Enter input data
Text
JSON
Enter data manually or use a CSV file to populate the spreadsheet. Max file size is 50 MB.
Download CSV template
Browse local files
Search in space
Clear all
Type (other)
Air temperature [K] (double)
Process temperature [K] (double)
Rotational speed [rpm] (double)
Torque [Nm] (double)
Tool wear [min] (double)
Target (double)
1 L 298.1 308.6 1527 40.2 16 0
2 M 298.6 309.2 1311 46.6 44 0
3 L 298.9 309.1 2861 4.6 143 1
7 rows, 9 columns
Predict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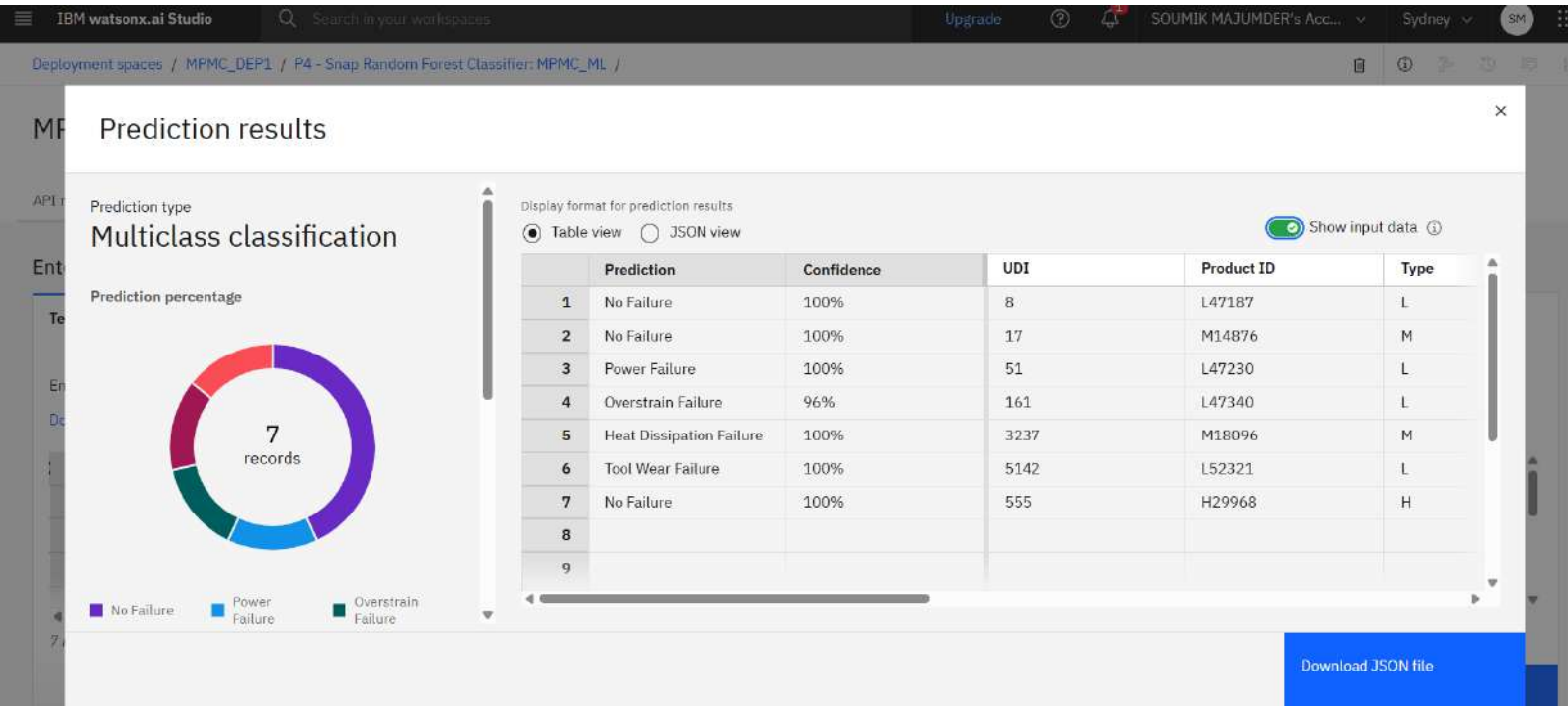
SM
Deployment spaces / MPMC_DEP1 / P4 - Snap Random Forest Classifier: MPMC_ML /
Prediction results
Prediction type
Multiclass classification
Prediction percentage
7
records
No Failure
Power Failure
Overstrain Failure
Display format for prediction results
Table view
JSON view
Show input data
Prediction
Confidence
1 No Failure 100%
2 No Failure 100%
3 Power Failure 100%
4 Overstrain Failure 96%
5 Heat Dissipation Failure 100%
6 Tool Wear Failure 100%
7 No Failure 100%
8
9
Download JSON file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Sydney
Deployment spaces / MPMC_DEP1 / P4 - Snap Random Forest Classifier: MPMC_ML /
Prediction results
Prediction type
Multiclass classification
Prediction percentage
7
records
No Failure
Power Failure
Overstrain Failure
Display format for prediction results
Table view
JSON view
Show input data
Prediction
Confidence
UDI
Product ID
Type
1 No Failure 100% 8 L47187 L
2 No Failure 100% 17 M14876 M
3 Power Failure 100% 51 L47230 L
4 Overstrain Failure 96% 161 L47340 L
5 Heat Dissipation Failure 100% 3237 M18096 M
6 Tool Wear Failure 100% 5142 L52321 L
7 No Failure 100% 555 H29968 H
8
9
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