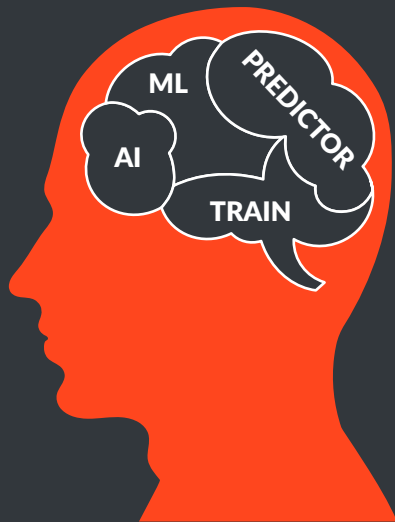# AMAZON FORECAST
FUNZIONI AVANZATE

ASPETTI DEL TRAINING

TRAIN E RETRAIN

Quando generiamo le previsioni dobbiamo prima creare un predictor, per le previsioni successive possiamo crearne uno nuovo o sausare quello precedente, oltre a questo c'è anche la possibilità di eseguire un retrain del modello.

CREATE PREDICTOR

Creazione di un nuovo predictor per elaborare il modello da capo.

USE PREDICTOR

Usare lo stesso predictor anche per le successive previsioni.

RETRAIN PREDICTOR

Riqualificare il predictor esistente a seguito di dataset aggiornati.

Amazon Forecast

Developer Guide

Retraining Predictors

PDF | RSS

Predictors can be retained with updated datasets to keep your predictors up to date. When retraining a predictor, Amazon Forecast maintains the same predictor configuration settings. After retraining, the original predictor will remain active and the retrained predictor will have a separate Predictor ARN.

Retraining a predictor can improve forecasting accuracy in two ways:

1. **More current data**: Your retrained predictor will incorporate more up-to-date data when training a model.
2. **Predictor improvements**: Your retrained predictor will incorporate any updates and improvements in the Amazon Forecast algorithms and additional datasets.

Retraining a predictor can be up to 50% faster than creating a new predictor from scratch. Predictor training times are faster and Forecast automatically uses your existing configuration settings.

Predictors

| Stop | Retrain | Delete | Create forecast | **Train new predictor** |

This page gives you an overview of your predictors, and provides information about their status and performance.

🔍 *Find predictor name*

	Predictor name ▽	Training status ▽	Forecast types ▽	WAPE ▽	RMSE ▽
⦿	MyPredictorName	⊘ Active	mean	0.5854	48.9145

New predictor name

MyPredictorRetrain

The predictor name must have 1 to 63 characters. Valid characters: a-z, A-Z, 0-9, and _

Retrain predictor

Retrain the predictor with your updated datasets. This process will create a new predictor with the same configuration as the original predictor. The original predictor will not be deleted.

New predictor name

MyPredictorRetrain

The predictor name must have 1 to 63 characters. Valid characters: a-z, A-Z, 0-9, and _

Activate explainability

Enable explainability description

Activate explainability

Predictor monitoring

Predictor monitoring allows you to see how your predictor accuracy is changing as time progresses.

Activate predictor monitoring

Retrain

Predictors

Stop | Retrain | Delete | Create forecast | **Train new predictor**

This page gives you an overview of your predictors, and provides information about their status and performance.

🔍 *Find predictor name*

Predictor name ▽	Training status ▽	Forecast types ▽	WAPE ▽	RMSE ▽
○ MyPredictorRetrain	✅ Active	mean	0.5848	50.9946
○ MyPredictorName	✅ Active	mean	0.5854	48.9145

amazon-forecast-samples / notebooks / advanced / Retraining_AutoPredictor / **Retraining.ipynb**

main

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jtbangani Moving notebooks to match the blog post r... f77e5ca · 3 years ago History

Preview | Code | Blame   725 lines (725 loc) · 25.1 KB   Raw

Retraining an AutoPredictor

Helps advanced users start with Amazon Forecast Retraining feature for an AutoPredictor

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https://github.com/aws-samples/amazon-forecast-samples

MASSIMO DELLA ROVERE