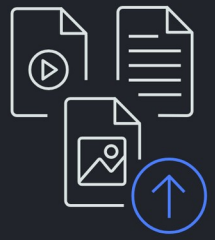
AMAZON FORECAST
CREAZIONE DEI FORECAST

GENERAZIONE DEI FORECAST

Find dataset group name

1

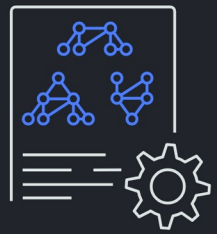
Dataset group name	Dataset group ARN	Date created	Modified
dataset_group_learning	arn:aws:forecast:eu-west-1:771877188282:dataset-group/dataset_group_learning	Sat, 24 Feb 2024 20:36:40 GMT	Sat, 24 Feb 2024 20:36:40 GMT



Import your data

Datasets are required to train predictors, which are then used to generate forecasts.

View datasets



Train a predictor

Train a predictor, a custom model with underlying that Amazon Forecast trains on your datasets.

View predictors

Train predictor

Generate forecasts

Generate forecasts using your trained predictors.

Forecast generation

Start

Explore insights

Identify the attributes impacting your forecasts with explainability and explore different scenarios in a what-if analysis.

Explore explainability

Explore what-if analysis

Forecast details

Forecast name

The name can help you distinguish this forecast from your other forecasts.

MyForecastName

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

Predictor | Info

The predictor that you want to use to create forecasts.

MyPredictorName

Forecast quantiles- *optional* | Info

Enter up to 5 quantile values between 0.01 to 0.99 including 'mean'. The default quantiles are what didn't specify quantiles, the defaults are 0.10, 0.50 and 0.90.

0.10, 0.50, 0.90, 0.99, mean

Separate forecast types with commas.

Items for generating forecasts

Select items for generating forecasts

- ○ **All Items**
  Generate forecast on all items in the input dataset
- ● **Selected Items**
  Generate forecast on selected items in the input dataset

S3 location | Info

Specify the path of the CSV file containing list of timeseries for which you want to generate forecast.

s3://bucket/amazon/forecast/vendite/we ✕ | View | Browse S3

IAM role | Info

Amazon forecast requires permissions to read files from S3. Choose or create a role using this control.

AmazonForecast-ExecutionRole ▼

KMS key ARN- *optional* |

The ARN of the AWS KMS key that is used to encrypt data files in S3.

arn:aws:kms::key/**

The KMS key must have 1 to 256 characters. Valid characters: a-z, A-Z, 0-9, -, ., /, and :

Data schema | Info

To help Amazon Forecast understand the fields in your data, you must define the schema using one of the options shown.

- **Schema builder**
  Select this option to enter your schema using the schema builder tool.
- **JSON schema**
  Select this option if you prefer to input data attributes as JSON script.

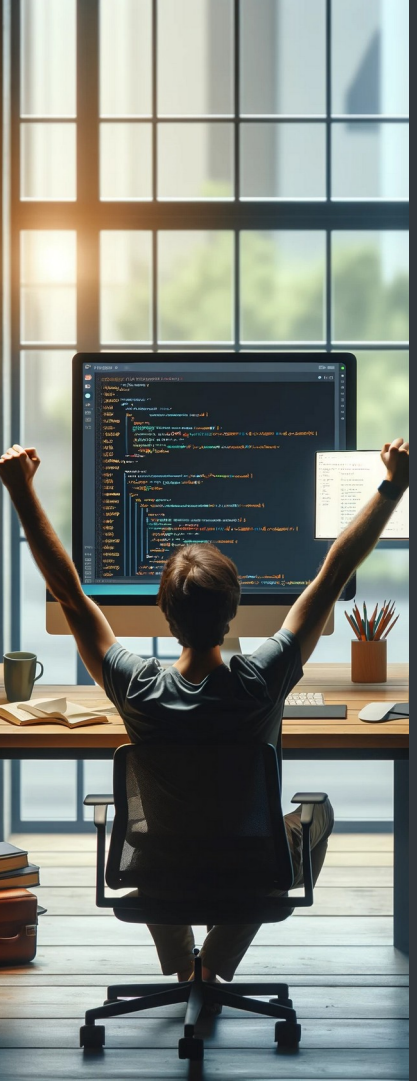
Schema builder | Info

The attributes below are required. You may add additional attributes. All attributes displayed must exist in your CSV file and must be ordered in the same order that they appear in your CSV file. To reorder the attributes, simply drag and drop each attribute to the correct position.

Column	Attribute Name	Attribute Type
1	item_id	string

Add new attribute

You can add up to 10 more attributes.



The forecast generation for PrimoForecast has started.
After your forecast is created, your dashboard will display your forecasts.

Forecasts (1) Info

Manage notifications

Find forecast name

Forecast name	Status	Forecast created
MyForecastName	Create pending	Thu, 29 Feb 2024 03:02:03 GMT

Forecasts (1) Info

Manage notifications

Find forecast name

Forecast name	Status	Forecast created
MyForecastName	Active	Thu, 29 Feb 2024 03:02:03 GMT