

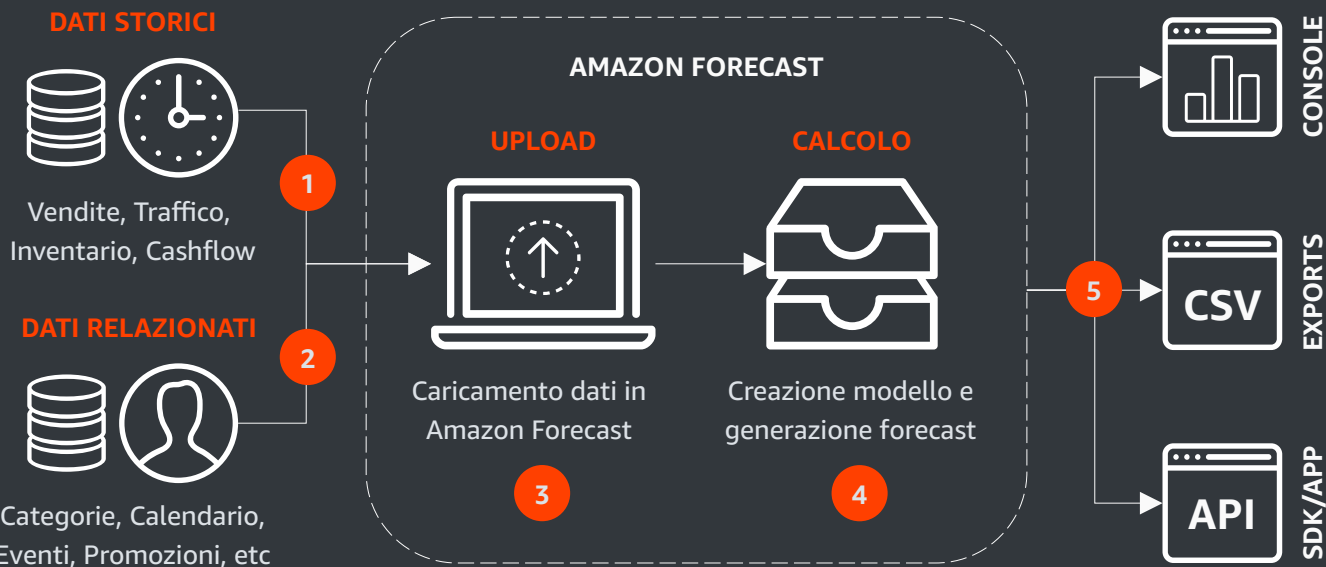


AMAZON FORECAST CREAZIONE DEI DATASET

CREAZIONE DI UN DATASET GROUP

AMAZON FORECAST

Amazon Forecast è un servizio di previsione basato sull'apprendimento automatico (ML) offerto da AWS, che utilizza algoritmi ML e deep learning per analizzare dati storici e variabili temporali per prevedere tendenze future.





amazon forecast

←

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Funzionalità (372)

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Amazon Forecast ☆

Amazon Forecast è un servizio completamente gestito per pr...

AWS Private Certificate Authority ☆

Machine Learning

Amazon Forecast

Easily build accurate forecasting models

Amazon Forecast is a fully managed service that uses machine learning to deliver highly accurate forecasts. Based on the same machine learning forecasting technology used by Amazon.com.

Create new dataset group

Dataset groups are containers for your datasets, predictors, and forecasts. To create a dataset group, choose Create dataset group.

Create dataset group

MASSIMO DELLA ROVERE

AMAZON FORECAST 3

◀ ▶



Create dataset group [Info](#)

Dataset group details

Dataset group name

The name can help you distinguish this dataset group from other dataset groups on the dataset groups dashboard.

dataset_group_learning



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

Forecasting domain | [Info](#)

A forecasting domain defines a forecasting use case. You can choose a predefined domain, or you can create your own domain.

Retail





Dataset details

Dataset name

The name can help you distinguish this dataset from other datasets on your Datasets dashboard.

my_forecast_dataset

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

Frequency of your data

This is the frequency at which entries are registered into your data file.

Your data entries have a time interval of

1



day(s)



Data schema | Info

Use the data schema section to specify the attribute types for each column in your dataset. You can specify the schema in two ways:



Schema builder

Specify your Attribute Name, Attribute Type,



JSON schema

Specify AttributeName and AttributeType in



Cancel

Start




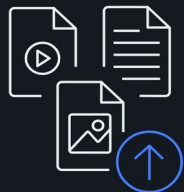
Dataset groups (2) [Info](#)

[View details](#)[Delete](#)[Create dataset group](#)

Dataset groups are containers for your datasets, predictors, and forecasts.

[< 1 >](#) [⚙️](#)

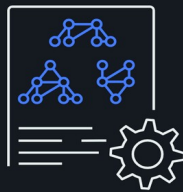
Dataset group name ▾	Dataset group ARN	Date created ▾	Modified ▾
 dataset_group_learning	arn:aws:forecast:eu-west-1:771888888882:dataset-group/dataset_group_learning	Sat, 24 Feb 2024 20:36:40 GMT	Sat, 24 Feb 2024 20:36:40 GMT



Import your data

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

Target time series data

[Import](#)

Train a predictor

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

Predictor training

[Start](#)

Generate forecasts

Generate forecasts using your trained predictors.

Forecast generation

[Start](#)

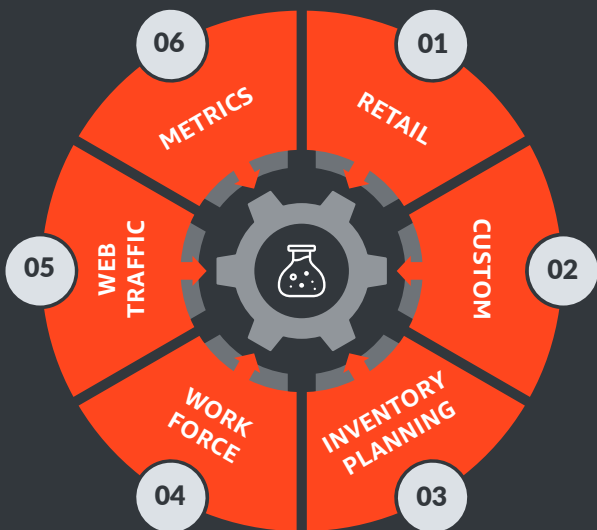
Explore insights

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

[Explore explainability](#)[Explore what-if analysis](#)

DATASET DOMAINS

Nel nostro esempio abbiamo selezionato il dominio RETAIL in quanto è quello che useremo per la nostra dimostrazione, ma in realtà esistono differenti domini che possiamo utilizzare. Vediamo alcuni dettagli e casi di uso disponibili.



RETAIL

Dominio per la previsione delle vendite.

CUSTOM

Dominio per previsioni personalizzate.

INVENTORY PLANNING

Dominio per previsione stock di inventario.

WORK FORCE

Dominio per previsione della forza di lavoro.

WEB TRAFFIC

Dominio per previsione degli accessi web.

METRICS

Dominio per metriche operative o finanziarie.