



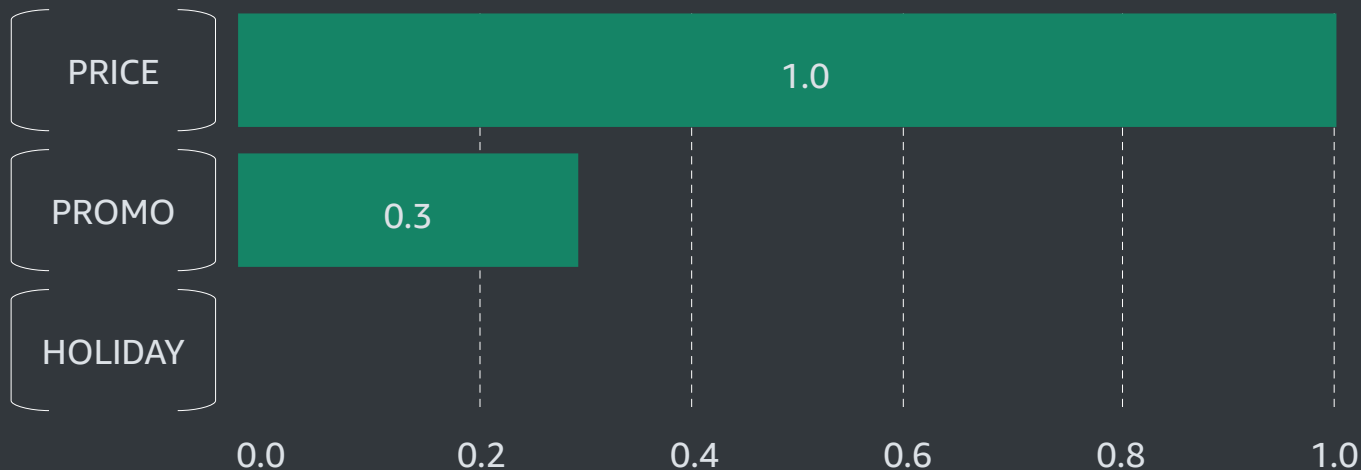
# AMAZON FORECAST CREAZIONE DEI MODELLI

SPIEGABILITÀ DEL PREDICTOR



# SPIEGABILITÀ **PREDICTOR**

Predictor explainability ti aiuta a capire meglio in che modo gli attributi nei set dei dati influiscono sulla variabile di destinazione. Forecast utilizza una metrica denominata Punteggio di impatto per quantificare l'impatto relativo.





Metrics

Explainability

Monitoring

Settings



Predictor explainability [Info](#)

Attribute impact scores

No explainability

Explainability must be enabled and trained to view them

Activate explainability



### ▼ Explainability details

Explainability ARN

-

Date created

-

Actual create time

-



Metrics

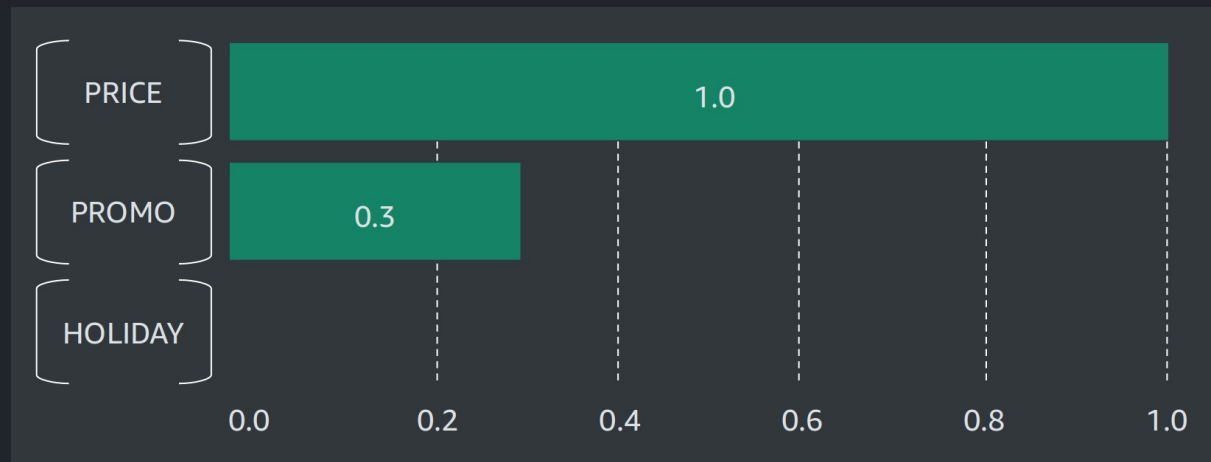
Explainability

Monitoring

Settings

## Predictor explainability [Info](#)

### Attribute impact scores





Metrics

Explainability

Monitoring

Settings

## ▼ Explainability details

Explainability ARN

arn:aws:forecast:eu-west-1:explainability/MyPredictorName


Date created

Tue, 12 Mar 2024 03:59:17 GMT

Actual create time

4 mins

## Explainability exports (1) [Info](#)

Manage notifications 

Stop

Delete



Create export



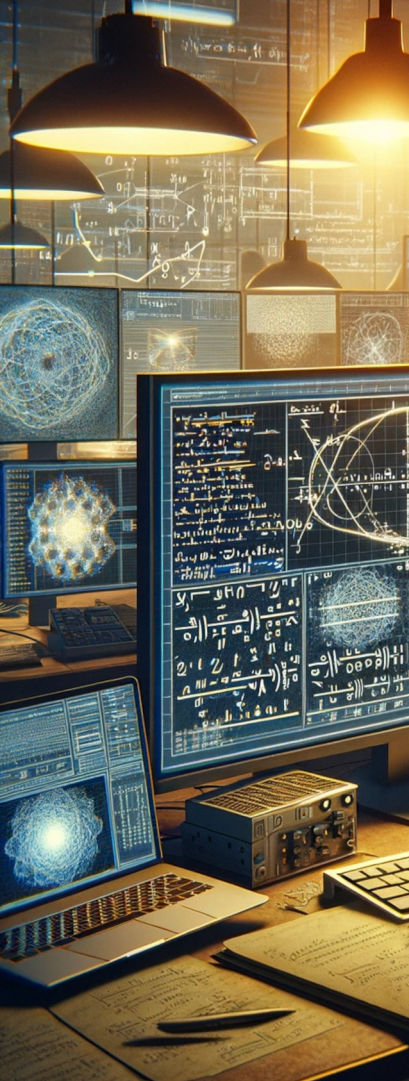
 Find export name

< 1 >



	Export name ▾	Status ▾	Message	Location	Date created ▾
	MyExplainabilityExport	 Active	-	s3://bucket/amazon/forecast	Tue, 12 Mar 2024 04:09:46 GMT





## Comparing Forecast Algorithms

Use the following table to find the best option for your time series datasets.

	Neural Networks		Flexible Local Algorithms	Baseline Algorithms		
	CNN-QR	DeepAR+	Prophet	NPTS	ARIMA	ETS
Computationally intensive training process	High	High	Medium	Low	Low	Low
Accepts historical related time series*	✓	✗	✗	✗	✗	✗
Accepts forward-looking related time series*	✓	✓	✓	✗	✗	✗
Accepts item metadata (product color, brand, etc)	✓	✓	✗	✗	✗	✗
Accepts the Weather Index built-in featurization	✓	✓	✓	✗	✗	✗
Suitable for sparse datasets	✓	✓	✗	✓	✗	✗
Performs Hyperparameter Optimization (HPO)	✓	✓	✗	✗	✗	✗
Allows overriding default hyperparameter values	✓	✓	✗	✓	✗	✗



Metrics

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## Predictor explainability [Info](#)

### Attribute impact scores



PRICE  
PROMO  
HOLIDAY

0.0

0.2

0.4

0.6

0.8

1.0