# Credit Card

in Azure ML

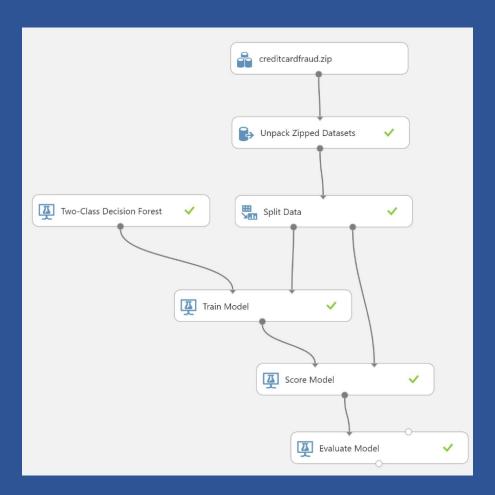
## In this session

- Question and Data
- Dataset description
- Create Data Set
- Place dataset
- Drop missing data rows
- Split Data
- Train, Score, Evaluate
- Understand Confusion matrix

## The finished model

https://raw.githubusercontent.com/laploy/ML.NET/master/Credit-Card/creditCard-azure-

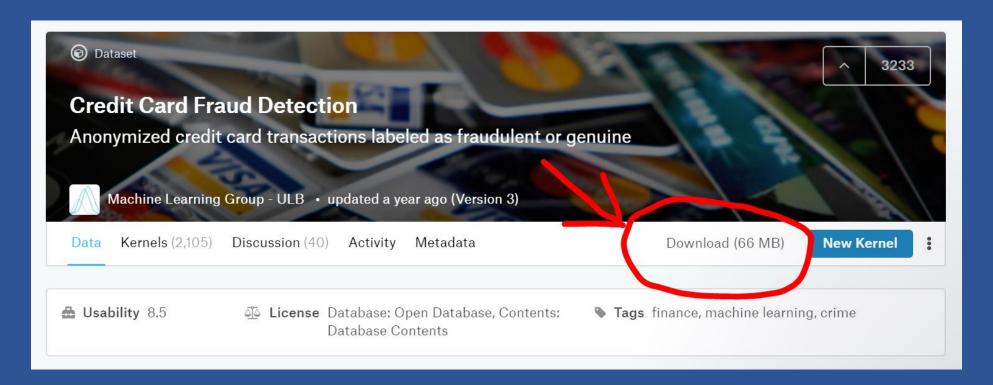
model.jpg



# Question and Data

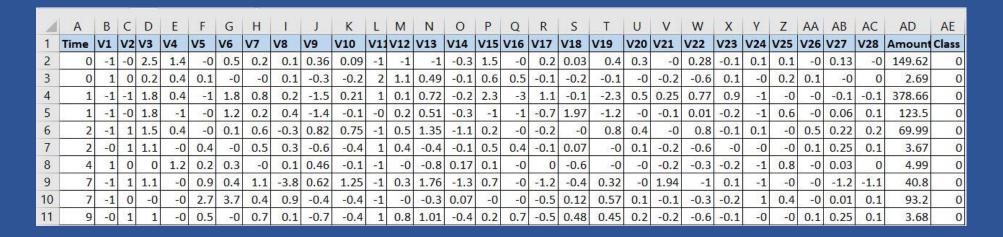
Question: Is this credit card transaction a fraud?

Dataset: https://www.kaggle.com/mlg-ulb/creditcardfraud



## Dataset description

- Transactions made by credit cards in September 2013
- European cardholders
- Occurred in two days
- 284,807 rows, 31 columns
- Normal Class = 0, fraud = 1
- 492 frauds

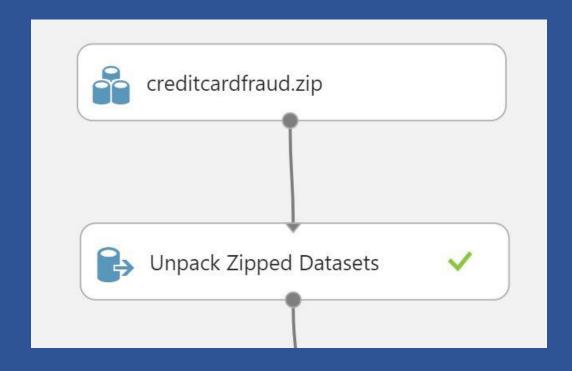


#### Create Data Set

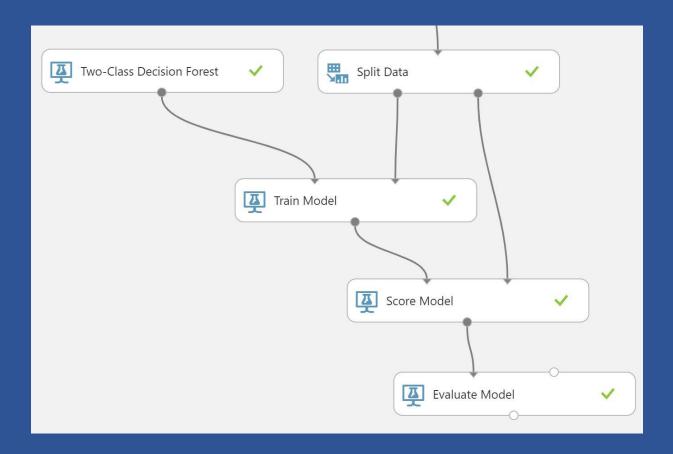
Click DATASET / + NEW / import both datasets

datasets		
MY DATASETS SAMPLES		
	NAME	SUBMIT
	creditcardfraud.zip	laploy

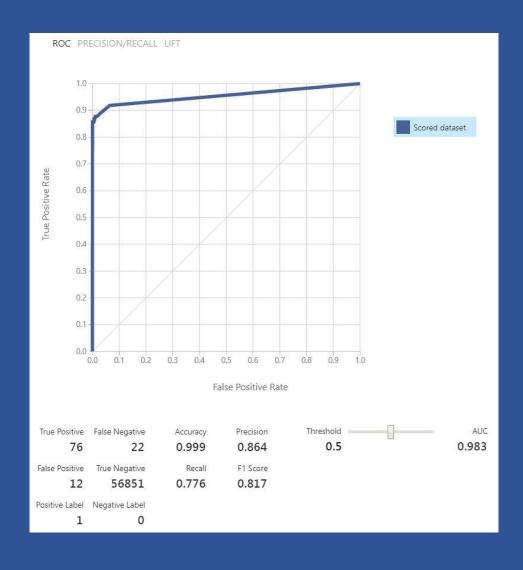
#### Add Datasets, Unzip



### Split, train, score, and evaluate



## Score result



# What next?

Credit card AutoML