



Casestudy:AutMLofLendingClubDataset

```
1 # Load package and connect to cluster
2 import h2o
3 h2o.init(max_mem_size = "6g")
4
5 # Import data and manage data types
6 train_path = "https://raw.githubusercontent.com/h2oai/app-consumer-loan/master/data/loan.csv"
7 train = h2o.import_file(train_path, destination_frame = "loan_train")
8 train["bad_loan"] = train["bad_loan"].asfactor()
9
10 # Set target and predictor variables
11 y = "bad_loan"
12 x = train.col_names
13 x.remove(y)
14 x.remove("int_rate")
15
16 # Use Auto ML to train models
17 from h2o.automl import H2OAutoML
18 aml = H2OAutoML(max_runtime_secs = 300)
19 aml.train(x = x, y = y, training_frame = train)
```











H2O Training

1

Introduction to ML and H2O

4

Machine Learning Concepts

2

H2O Auto Machine Learning

5

H2O Feature Engineering

3

Productionalizing Models

6

H2O Algorithms

Case Study: Auto ML of Lending Club Dataset

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