BigDatathon

machine learning competition

What is Datathon?

데이터톤이란?

Datathon

= **Data** + Mara**thon**

Rules
규칙

2~4 Person / 1 Team
Team Organizing

8/12 ~ 8/18
Schedule for Datathon

8/19
Presentation

Data
데이터

Predicting Red Hat Business Value

Poker Rule Induction

Kobe Bryant Shot Selection

San Francisco Crime Classification

Titanic: Machine Learning from Disaster

Predicting Red Hat Business Value

Classify Customer Potential

Like most companies, Red Hat is able to gather a great deal of information over time about the behavior of individuals who interact with them.

They're in search of better methods of using this behavioral data to predict which individuals they should approach—and even when and how to approach them.

In this competition, Kagglers are challenged to create a classification algorithm that accurately identifies which customers have the most potential business value for Red Hat based on their characteristics and activities.

Poker Rule Induction

Determine the Poker Hand of Five Playing Cards

Each record in this competition consists of five playing cards and an attribute representing the poker hand. You are asked to predict the best hand you can play based on the cards you've been dealt.

The order of cards is important, which means there are 480 possible Royal Flush hands instead of just four. Identify those, and the other 311,875,200 possible hands correctly, and you’re in the money!

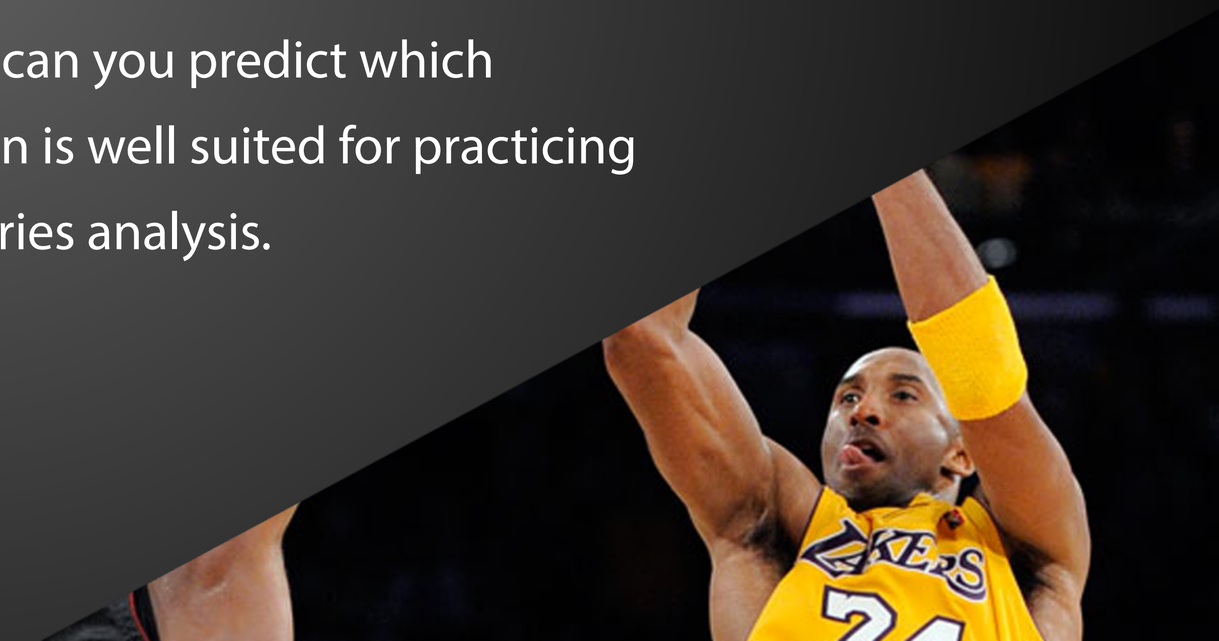
The intent of this challenge is automatic rules induction, i.e. to learn the rules using machine learning, without hand coding heuristics.

Kobe Bryant Shot Selection

Which Shots Did Kobe Sink?

Kobe Bryant marked his retirement from the NBA by scoring 60 points in his final game as a Los Angeles Laker on Wednesday, April 12, 2016.
Drafted into the NBA at the age of 17, Kobe earned the sport’s highest accolades throughout his long career.

Using 20 years of data on Kobe's swishes and misses, can you predict which shots will find the bottom of the net? This competition is well suited for practicing classification basics, feature engineering, and time series analysis.



San Francisco Crime Classification

Predict the Category of Crimes that Occurred in the City by the Bay

From 1934 to 1963, San Francisco was infamous for housing some of the world's most notorious criminals on the inescapable island of Alcatraz.
Today, the city is known more for its tech scene than its criminal past.

But, with rising wealth inequality, housing shortages, and a proliferation of expensive digital toys riding BART to work, there is no scarcity of crime in the city by the bay.

From Sunset to SOMA, and Marina to Excelsior, this competition's dataset provides nearly 12 years of crime reports from across all of San Francisco's neighborhoods.
Given time and location, you must predict the category of crime that occurred.

Titanic: Machine Learning From Disaster

Predict Survival on the Titanic

The sinking of the RMS Titanic is one of the most infamous shipwrecks in history. On April 15, 1912, during her maiden voyage, the Titanic sank after colliding with an iceberg, killing 1502 out of 2224 passengers and crew. This sensational tragedy shocked the international community and led to better safety regulations for ships.

In this challenge, we ask you to complete the analysis of what sorts of people were likely to survive. In particular, we ask you to apply the tools of machine learning to predict which passengers survived the tragedy.

Process

프로세스

팀 구성

데이터 선택

결과 제출

모델 개선

프레젠테이션

Process

프로세스

팀 구성 | 데이터 선택 | 결과 제출 | 모델 개선 | 프레젠테이션

Process

프로세스

팀 구성

데이터 선택

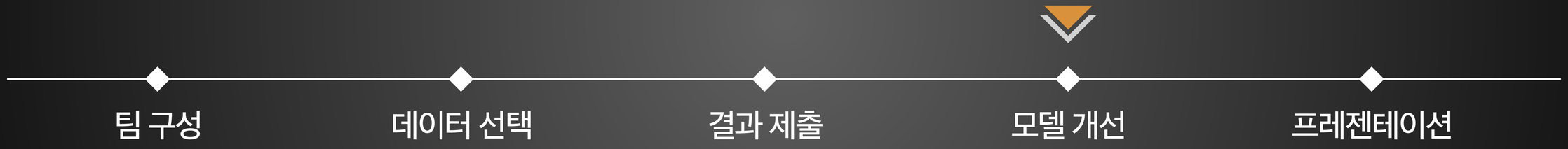
결과 제출

모델 개선

프레젠테이션

Process

프로세스



Process

프로세스

팀 구성

데이터 선택

결과 제출

모델 개선

프레젠테이션

Overview for Kaggle

캐글 맛보기

kaggle™

THX