

Soccer PREDICTION

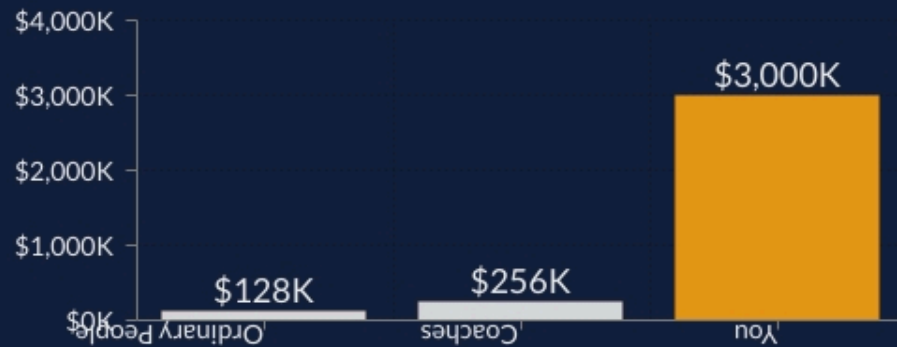


140M
people play soccer

82%
Bet on matches

\$118M
only in 2018

Outcome Expectations
According to Pinocchio co.



You can be a Millionaire

According to our latest numbers obtained from the well-known Pinocchio co. you can have more than \$3M in the first year of your betting by using our soccer prediction software.



TOTALLY FOOLED YOU GUYS

140 . 82 . 118 . 3

<https://github.com/magemma/soccer-prediction>

But seriously, soccer prediction is important

#3

Stop watching a crappy game before it ends.

But seriously, soccer prediction is important

#3

Stop watching a crappy game before it ends.

#2

Get lots of money betting on games.

But seriously, soccer prediction is important

#3

Stop watching a crappy game before it ends.

#2

Get lots of money betting on games.

#1

Get great grades (hopefully) if you do it right and you're on our team.

But seriously, soccer prediction is important

#3

Stop watching a crappy game before it ends.

#2

Get lots of money betting on games.

#1

Get great grades (hopefully) if you do it right and you're on our team.



Coaches can bench their best players when winning is not probable.

TO WHAT END?

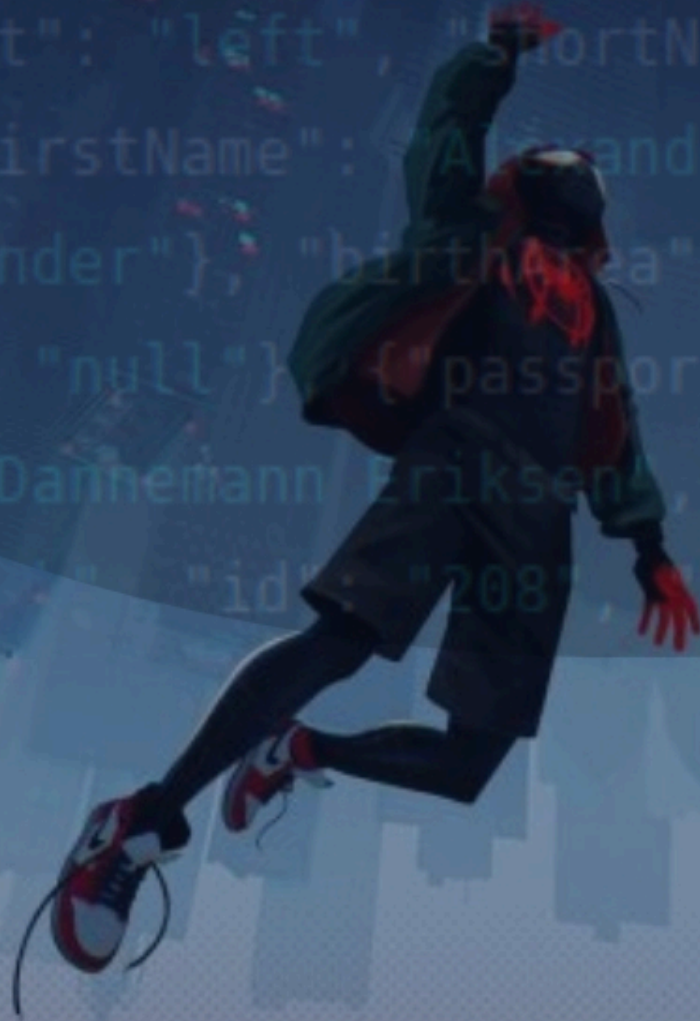
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Given a specific window of a soccer match events,
can we predict the outcome of the game?

”

M. Razzaghnoori

Data Scientist to be



**WITH GREAT
DATABASES
COMES GREAT
RESPONSIBILITIES**

Events

Matches

Players

Teams

Coaches

Competitions

Referees

FEATURE ENGINEERING

The background is a dark charcoal grey, densely populated with light blue, semi-transparent icons and text. The icons represent various aspects of data science and technology, including bar charts, pie charts, a globe, social media icons (Facebook, Twitter), and symbols for cloud computing, security, and mobile devices. Text elements scattered throughout include 'INSIGHTS', 'PATTERNS', 'BIG DATA', 'CLOUD', 'SECURITY', 'DEVELOPERS', 'APPS', 'PLATFORM', 'DEVICES', 'SOCIAL', 'PEOPLE', 'MEMORY', 'AZURE', 'SQL', and 'STORAGE'. The overall aesthetic is technical and modern, with a focus on data and digital innovation.

FEATURE ENGINEERING



Passes, # Shots, # Fouls, # Accurate Passes, # EVERYTHING

FEATURE ENGINEERING



Passes, # Shots, # Fouls, # Accurate Passes, # EVERYTHING



Mean Previous Scores (90', Half Time, Extra Time, Penalties)

FEATURE ENGINEERING



Passes, # Shots, # Fouls, # Accurate Passes, # EVERYTHING



Mean Previous Scores (90', Half Time, Extra Time, Penalties)



External Dataset (Mean Player Quality, Mean Player Potential)

FEATURE ENGINEERING



Passes, # Shots, # Fouls, # Accurate Passes, # EVERYTHING



Mean Previous Scores (90', Half Time, Extra Time, Penalties)



External Dataset (Mean Player Quality, Mean Player Potential)



Yellow Cards, # Second Yellow Cards, # Red Cards

FEATURE ENGINEERING



First Half Goals

FEATURE ENGINEERING



First Half Goals



Is Playing at Home?

FEATURE ENGINEERING



First Half Goals



Is Playing at Home?



Percentage of Events in Opponent's Half

FEATURE ENGINEERING



First Half Goals



Is Playing at Home?



Percentage of Events in Opponent's Half



Target Variables (Is Winner, # Goals in Second Half, Has Scored in 2H)

TIME FOR SOME VISUALIZATION WE USUALLY DON'T UNDERSTAND

