

In [1]:

```
import os
import pandas as pd
import numpy as np
import warnings
warnings.filterwarnings('ignore')
import datetime
import dsp
```

## Daily selection

In [2]:

```
df_prediccion = dsp.load_data(tbl="tbl_stevehudson_soccer")
df=dsp.daily_prediction(df_prediccion)
dsp.correcion_horario(df)
```

Out[2]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
45	09:55	29/04/2021	soccer/serbia_super-liga	Proleter	Partizan	9.06	5.97	1.24	3-Proleter--0.43
47	09:55	29/04/2021	soccer/serbia_super-liga	Proleter	Partizan	9.06	5.97	1.24	13-Partizan--1.53
44	10:00	29/04/2021	soccer/latvia_optibet-virsliga	RFS	Noah	1.03	13.00	25.00	1-RFS--3.16
46	11:55	29/04/2021	soccer/serbia_super-liga	FK Crvena zvezda	Vojvodina	1.23	5.85	9.55	13-FK Crvena zvezda--0.01

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-5
dsp.correcion_horario(df)
```

Out[3]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
75	28/04/2021	18:00	basketball	usa	nba	Cleveland Cavaliers	Orlando Magic	210.5	1.9	100	UNDER
78	28/04/2021	18:30	basketball	usa	nba	Boston Celtics	Charlotte Hornets	215.0	1.9	100	UNDER
76	28/04/2021	19:00	basketball	usa	nba	Miami Heat	San Antonio Spurs	213.0	1.9	100	OVER
79	28/04/2021	20:00	basketball	usa	nba	Denver Nuggets	New Orleans Pelicans	230.5	1.9	100	UNDER
77	28/04/2021	21:00	basketball	usa	nba	Sacramento Kings	Utah Jazz	222.5	1.9	100	UNDER

In [4]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_base")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-2
dsp.correcion_horario(df)
```

Out[4]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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In [5]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_hockey")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-1
dsp.correccion_horario(df)
```

Out[5]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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In [6]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-1
dsp.correccion_horario(df)
```

Out[6]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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In [7]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_empate_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_horario(df)
```

Out[7]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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In [8]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_0")
df = dsp.daily_prediction_model(df_prediccion)
dsp.correccion_horario(df)
```

Out[8]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
1737	06:30	29/04/2021	soccer@romania	liga-1	Poli Iasi	Viitorul Constanta	4.10	3.47	1.86	TEAM1	118.553700	50
1753	09:00	29/04/2021	soccer@romania	liga-1	Din. Bucuresti	FC Voluntari	1.92	3.35	4.03	DRAW	336.512002	50
1756	09:00	29/04/2021	soccer@lithuania	a-lyga	Dziugas Telsiai	FK Panevezys	3.69	3.55	1.84	TEAM1	166.671635	80
1729	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM2	75.367803	50
1736	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM1	75.367803	50
1754	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	DRAW	75.367803	50

In [9]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_0")
df = dsp.daily_prediction_model(df_prediccion,min_auc=0,min_games=4)
dsp.correccion_horario(df)
```

Out[9]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
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1737	06:00	29/04/2021	soccer@romania	liga-1	FC Arad	Viitorul Constanta	team1_odds	draw_odds	team2_odds	objetivo	118.35009	af
1756	09:00	29/04/2021	soccer@lithuania	a-lyga	Dziugas Telsiai	FK Panevezys	3.69	3.55	1.84	TEAM1	166.671635	5
1729	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM2	75.367803	5
1736	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM1	75.367803	5
1754	11:45	29/04/2021	soccer@romania	liga-1	Univ. Craiova	FCSB	2.39	3.07	3.07	DRAW	75.367803	5
1724	13:00	29/04/2021	soccer@scotland	league-one	Partick Thistle	Falkirk	2.04	3.33	3.46	TEAM1	298.077349	4
1725	13:00	29/04/2021	soccer@scotland	league-one	East Fife	Peterhead	1.95	3.60	3.45	TEAM1	19.808033	4
1726	13:00	29/04/2021	soccer@scotland	league-one	Montrose	Cove Rangers	3.38	3.44	2.07	TEAM1	-23.828235	4
1749	13:00	29/04/2021	soccer@scotland	league-one	East Fife	Peterhead	1.95	3.60	3.45	TEAM2	19.808033	5

In [10]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_magic")
df = dsp.daily_prediction_criterio(df_prediccion)
dsp.correcion_horario(df)
```

Out[10]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
730	28/04/2021	21:00	basketball	usa	nba	Sacramento Kings	Utah Jazz	UNDER-227.5	1.58	100.0
729	29/04/2021	09:00	soccer	romania	liga-1	Din. Bucuresti	FC Voluntari	X2	4.03	100.0

## NHL CLUSTER FALLO

In [11]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_nhl")
dsp.daily_prediction(df_prediccion)
```

Out[11]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
400	0:0	2021-04-29	hockey/usa_nhl	Washington Capitals	Pittsburgh Penguins	2.40	4.28	2.50	2
401	0:0	2021-04-29	hockey/usa_nhl	New York Rangers	New York Islanders	2.39	4.16	2.55	2
402	0:0	2021-04-29	hockey/usa_nhl	San Jose Sharks	Arizona Coyotes	2.59	4.19	2.34	1

In [12]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_nhl_original")
dsp.daily_prediction(df_prediccion)
```

Out[12]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
3	0:0	2021-04-29	hockey/usa_nhl	Washington Capitals	Pittsburgh Penguins	2.40	4.28	2.50	2
4	0:0	2021-04-29	hockey/usa_nhl	New York Rangers	New York Islanders	2.39	4.16	2.55	2
5	0:0	2021-04-29	hockey/usa_nhl	San Jose Sharks	Arizona Coyotes	2.59	4.19	2.34	1

## TAN!! SPECIAL SELECTION

In [13]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN")
df=dsp.daily_prediction(df_prediccion)
dsp.correccion_horario(df)
```

Out[13]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2281	11:55	29/04/2021	/soccer/serbia/super-liga/crvena-zvezda-vojvod...	FK Crvena zvezda	Vojvodina	1.23	5.85	9.55	TEAM1
2280	12:00	29/04/2021	/soccer/spain/laliga/barcelona-granada-cf-fagU...	Barcelona	Granada CF	1.14	9.20	18.76	TEAM1

In [14]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_hockey")
dsp.daily_prediction(df_prediccion)
```

Out[14]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## Gana Favorito en ODDs finales.

In [15]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_inversos")
dsp.daily_prediction(df_prediccion)
```

Out[15]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
188	00:00	2021-04-29	/basketball/usa/nba/cleveland-cavaliers-orland...	Cleveland Cavaliers	Orlando Magic	1.60	0.00	2.43	0.559342
187	15:00	2021-04-29	/soccer/romania/liga-1/din-bucuresti-voluntari...	Din. Bucuresti	FC Voluntari	1.92	3.35	4.03	0.397742

## GANA 1 si objetivo es mayor a 0.52, GANA 2 si es menor a 49

In [16]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6_glicko")
dsp.daily_prediction(df_prediccion)
```

Out[16]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
29	17:55	2021-04-29	/soccer/serbia/super-liga/crvena-zvezda-vojvod...	FK Crvena zvezda	Vojvodina	1.23	5.85	9.55	0.705319

In [17]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[17]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1396	2021-04-29	15:00	soccer	romania	liga-1	Din. Bucuresti	FC Voluntari	X2	1.000000	4.03	100
1397	2021-04-29	18:00	soccer	spain	laliga	Barcelona	Granada CF	TEAM1	1.000000	1.14	100
1398	2021-04-29	00:45	baseball	usa	mlb	St.Louis Cardinals	Philadelphia Phillies	UNDER	0.531264	1.90	100
1399	2021-04-29	01:10	baseball	usa	mlb	Houston Astros	Seattle Mariners	UNDER	0.594448	1.90	100
1400	2021-04-29	00:00	basketball	usa	nba	Cleveland Cavaliers	Orlando Magic	OVER	0.831343	1.90	100
1401	2021-04-29	00:30	basketball	usa	nba	New York Knicks	Chicago Bulls	UNDER	0.234570	1.90	100
1402	2021-04-29	01:00	basketball	usa	nba	Miami Heat	San Antonio Spurs	OVER	0.628281	1.90	100
1403	2021-04-29	02:00	basketball	usa	nba	Memphis Grizzlies	Portland Trail Blazers	OVER	0.843501	1.90	100

Criterio

In [18]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[18]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1356	2021-04-29	17:55	soccer	serbia	super-liga	FK Crvena zvezda	Vojvodina	TEAM1	1.23	191
1357	2021-04-29	18:00	soccer	spain	laliga	Barcelona	Granada CF	TEAM1	1.14	191
1358	2021-04-29	19:00	hockey	sweden	shl	Rogle	Selleftea	TEAM1	1.93	137
1354	2021-04-29	00:05	baseball	usa	mlb	Baltimore Orioles	New York Yankees	TEAM2	1.68	291
1355	2021-04-29	01:05	baseball	usa	mlb	Texas Rangers	Los Angeles Angels	TEAM2	1.79	191

In [19]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN11")
dsp.daily_prediction(df_prediccion)
```

Out[19]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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In [20]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio2")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[20]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
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In [21]:

In [21]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio3")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[21]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
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OVER UNDER

In [22]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_base1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[22]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1678	2021-04-29	20:30	soccer	portugal	primeira-liga	Maritimo	Braga	3.5	1.34	100	0.454426
1679	2021-04-29	13:45	soccer	serbia	super-liga	Sp. Subotica	Javor	3.5	1.35	100	0.301751
1663	2021-04-29	00:45	baseball	usa	mlb	St.Louis Cardinals	Philadelphia Phillies	10.5	1.46	100	0.531264
1664	2021-04-29	01:10	baseball	usa	mlb	Houston Astros	Seattle Mariners	10.5	1.46	100	0.594448
1665	2021-04-29	02:45	baseball	usa	mlb	San Francisco Giants	Colorado Rockies	9.0	1.39	100	0.745983
1666	2021-04-29	00:00	basketball	usa	nba	Cleveland Cavaliers	Orlando Magic	215.5	1.58	100	0.831343
1667	2021-04-29	00:00	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	219.5	1.58	100	0.507013
1668	2021-04-29	00:30	basketball	usa	nba	Washington Wizards	Los Angeles Lakers	234.0	1.59	100	0.442636
1669	2021-04-29	00:30	basketball	usa	nba	Boston Celtics	Charlotte Hornets	220.0	1.58	100	0.491434
1670	2021-04-29	00:30	basketball	usa	nba	New York Knicks	Chicago Bulls	217.0	1.56	100	0.234570
1671	2021-04-29	01:00	basketball	usa	nba	Miami Heat	San Antonio Spurs	218.0	1.59	100	0.628281
1672	2021-04-29	02:00	basketball	usa	nba	Memphis Grizzlies	Portland Trail Blazers	245.0	1.57	100	0.843501
1673	2021-04-29	02:00	basketball	usa	nba	Denver Nuggets	New Orleans Pelicans	235.5	1.58	100	0.512784
1674	2021-04-29	03:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	225.5	1.58	100	0.464797
1675	2021-04-29	03:00	basketball	usa	nba	Sacramento Kings	Utah Jazz	227.5	1.58	100	0.376589
1676	2021-04-29	00:00	hockey	usa	nhl	Minnesota Wild	St. Louis Blues	6.5	1.42	100	0.785425
1677	2021-04-29	03:30	hockey	usa	nhl	San Jose Sharks	Arizona Coyotes	6.5	1.43	100	0.332671

In [23]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_handicap1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[23]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
24	2021-04-29	00:00	hockey	usa	nhl	Minnesota Wild	St. Louis Blues	-0.50	1.9	100	0.335206
25	2021-04-29	02:30	hockey	usa	nhl	Vegas Golden Knights	Colorado Avalanche	-0.25	1.9	100	0.297693
26	2021-04-29	03:00	hockey	usa	nhl	Los Angeles Kings	Anaheim Ducks	-0.50	1.9	100	0.172046

NBA

In [24]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nba")
dsp.daily_prediction_criterio(df_prediccion)
```

```
dsp.daily_prediction(df_prediction)
```

Out[24]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
826	00:30	2021-04-29	/basketball/usa/nba/boston-celtics-charlotte-h...	Boston Celtics	Charlotte Hornets	1.33	0	3.50	0.574203
823	00:00	2021-04-29	/basketball/usa/nba/cleveland-cavaliers-orland...	Cleveland Cavaliers	Orlando Magic	1.60	0	2.43	0.559342
830	02:00	2021-04-29	/basketball/usa/nba/denver-nuggets-new-orleans...	Denver Nuggets	New Orleans Pelicans	1.59	0	2.46	0.652501
829	02:00	2021-04-29	/basketball/usa/nba/memphis-grizzlies-portland...	Memphis Grizzlies	Portland Trail Blazers	1.80	0	2.06	0.644713
828	01:00	2021-04-29	/basketball/usa/nba/miami-heat-san-antonio-spu...	Miami Heat	San Antonio Spurs	1.48	0	2.77	0.564618
827	00:30	2021-04-29	/basketball/usa/nba/new-york-knicks-chicago-bu...	New York Knicks	Chicago Bulls	1.56	0	2.53	0.702797
824	00:00	2021-04-29	/basketball/usa/nba/philadelphia-76ers-atlanta...	Philadelphia 76ers	Atlanta Hawks	1.26	0	4.14	0.493060
831	03:00	2021-04-29	/basketball/usa/nba/phoenix-suns-los-angeles-c...	Phoenix Suns	Los Angeles Clippers	1.57	0	2.51	0.483192
832	03:00	2021-04-29	/basketball/usa/nba/sacramento-kings-utah-jazz...	Sacramento Kings	Utah Jazz	4.22	0	1.25	0.437379
825	00:30	2021-04-29	/basketball/usa/nba/washington-wizards-los-ang...	Washington Wizards	Los Angeles Lakers	2.05	0	1.82	0.604334

## NBA CLUSTER FALLO

In [25]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_nba")
dsp.daily_prediction(df_prediccion)
```

Out[25]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## NBA FALLO SIN FILTRO

In [26]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo2_nba")
dsp.daily_prediction(df_prediccion)
```

Out[26]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## NHL

In [27]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nhl")
dsp.daily_prediction(df_prediccion)
```

Out[27]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
774	03:00	2021-04-29	/hockey/usa/nhl/los-angeles-kings-anaheim-duck...	Los Angeles Kings	Anaheim Ducks	1.96	4.18	3.30	0.547457

770	00:00	2021-04-29	/hockey/usa/nhl/minnesota-wild-st-louis-blues...	Minnesota Wild	St. Louis Blues	team1_odds	draw_odds	team2_odds	objetivo
771	01:00	2021-04-29	/hockey/usa/nhl/montreal-canadiens-toronto-map...	Montreal Canadiens	Toronto Maple Leafs	3.15	4.36	1.99	0.487166
775	03:30	2021-04-29	/hockey/usa/nhl/san-jose-sharks-arizona-coyote...	San Jose Sharks	Arizona Coyotes	2.56	4.18	2.36	0.495670
773	02:30	2021-04-29	/hockey/usa/nhl/vegas-golden-knights-colorado-...	Vegas Golden Knights	Colorado Avalanche	2.13	4.26	2.85	0.543270
772	02:00	2021-04-29	/hockey/usa/nhl/winnipeg-jets-edmonton-oilers-...	Winnipeg Jets	Edmonton Oilers	2.64	4.24	2.28	0.502878

## MLB

In [28]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_base1")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=['hora'], ascending=True)
```

Out[28]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
254	00:05	2021-04-29	/baseball/usa/mlb/baltimore-orioles-new-york-y...	Baltimore Orioles	New York Yankees	2.29	0	1.68	TEAM2
255	01:05	2021-04-29	/baseball/usa/mlb/texas-rangers-los-angeles-an...	Texas Rangers	Los Angeles Angels	2.08	0	1.79	TEAM2

## SOCCER

In [29]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_soccer")
dsp.daily_prediction(df_prediccion)
```

Out[29]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
--	------	------	-------------	-------	-------	------------	-----------	------------	----------

## SOCCER CLUSTER FALLO

In [30]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_soccer")
dsp.daily_prediction(df_prediccion)
```

Out[30]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
210	0:0	2021-04-29	soccer/england_premier-league	Villarreal	Arsenal	2.53	3.35	2.9	2

## SOCCER EMPATE SECUENCIA

In [31]:

```
df_prediccion = dsp.load_data(tbl="tbl_empate_soccer")
dsp.daily_prediction(df_prediccion)
```

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
--	------	------	-------------	-------	-------	------------	-----------	------------	----------



hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	
hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	
601	18:30	2021-04-29	soccer/turkey-super-lig	Ankaragucu	Gaziantep	2.12	3.66	3.26	2-Gaziantep-0.08

## MILAN - más negativo -77

In [32]:

```
df_prediccion = dsp.load_data(tbl="tbl_favorito_soccer_MILAN")
dsp.daily_prediction(df_prediccion)
```

Out[32]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## CRB - más positivo .49

In [33]:

```
df_prediccion = dsp.load_data(tbl="tbl_favorito_soccer_CRB")
dsp.daily_prediction(df_prediccion)
```

Out[33]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## LIGA MX

In [34]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_mx1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[34]:

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	---------	-----	------------

## NFL

In [35]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nfl1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[35]:

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	---------	-----	------------

## HOCKEY

In [36]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_hockey")
dsp.daily_prediction(df_prediccion)
```

Out[36]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	
601	18:00	2021-04-	/hockey/finland/liiga/ifk-helsinki-tps-turku-	IFK	TPS	1.60	3.60	3.40	0.00054

351	16:30	29		area_league	Helsinki	Turku	1.92	3.96	3.46	0.629554
	hora	date			team1	team2	team1_odds	draw_odds	team2_odds	objetivo
350	15:00	2021-04-29	/hockey/finland/liiga/lukko-rauman-tappara-SSy...		Lukko	Tappara	1.67	4.37	4.22	0.628483

## Daily predictions machin3.

In [37]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin3")
dsp.daily_prediction(df_prediccion)
```

Out[37]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [38]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=['objetivo'], ascending=False)
```

Out[38]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7442	17:55	2021-04-29	/soccer/serbia/super-liga/crvena-zvezda-vojvod...	FK Crvena zvezda	Vojvodina	1.23	5.85	9.55	0.705319
7444	19:00	2021-04-29	/soccer/scotland/league-one/partick-falkirk-dj...	Partick Thistle	Falkirk	2.04	3.33	3.46	0.673575
7433	18:00	2021-04-29	/soccer/spain/laliga/barcelona-granada-cf-fagU...	Barcelona	Granada CF	1.14	9.20	18.76	0.667604
7445	19:00	2021-04-29	/soccer/scotland/league-one/east-fife-peterhea...	East Fife	Peterhead	1.95	3.60	3.45	0.567331
7440	13:45	2021-04-29	/soccer/serbia/super-liga/metalac-rad-beograd-...	Metalac	Rad Beograd	2.50	2.97	2.83	0.530972
7448	16:30	2021-04-29	/soccer/world/club-friendly/sjk-akademija-jaro-...	SJK Akatemia (Fin)	Jaro (Fin)	5.97	4.19	1.44	0.525719
7447	12:00	2021-04-29	/soccer/world/club-friendly/mikkelin-pk-35-YoO...	Mikkelin (Fin)	PK-35 (Fin)	1.90	3.65	3.35	0.525719
7443	19:00	2021-04-29	/soccer/scotland/league-one/montrose-cove-rang...	Montrose	Cove Rangers	3.38	3.44	2.07	0.525467
7436	13:45	2021-04-29	/soccer/serbia/super-liga/tsc-backa-topola-nap...	TSC Backa Topola	Napredak	4.53	3.63	1.70	0.516994
7439	13:45	2021-04-29	/soccer/serbia/super-liga/radnicki-nis-indjija...	Radnicki Nis	FK Indjija	1.35	4.82	7.28	0.508338
7446	19:00	2021-04-29	/soccer/scotland/league-one/forfar-athletic-cl...	Forfar Athletic	Clyde	3.20	3.70	2.01	0.496455
7437	13:45	2021-04-29	/soccer/serbia/super-liga/spartak-subotica-jav...	Sp. Subotica	Javor	1.90	3.40	3.79	0.493777
7451	17:00	2021-04-29	/soccer/lithuania/a-lyga/banga-riteriai-M1yS8Tc7/	Banga	Riteriai	2.65	3.54	2.29	0.488545
7434	20:30	2021-04-29	/soccer/portugal/primeira-liga/maritimo-braga-...	Maritimo	Braga	5.83	4.00	1.57	0.425115
7435	14:00	2021-04-29	/soccer/ukraine/persha-liga/ahrobiznes-volochysk...	Ahrobiznes Volochysk	Veres-Rivne	2.64	3.13	2.45	0.398322
7438	13:45	2021-04-29	/soccer/serbia/super-liga/macva-sabac-radnik-s...	Macva	Radnik	4.05	3.41	1.79	0.395990
7441	15:55	2021-04-29	/soccer/serbia/super-liga/proleter-novi-sad-pa...	Proleter	Partizan	9.06	5.97	1.24	0.298315

7449	16:00	2021-04-29	/soccer/lithuania/a-lyga/dziugas-telsiai-fk-pa...	Dziugas Telsiai	FK Panevezys	team1_odds	draw_odds	team2_odds	objetivo
7450	16:00	2021-04-29	/soccer/lithuania/a-lyga/nevezis-kedainiai-fk-...	Nevezis Kedainiai	Kauno Zalgiris	9.05	5.71	1.24	0.198206

## EXPERIMENTAL

### Daily model 53

In [39]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_53")
dsp.daily_prediction(df_prediccion)
```

Out[39]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1518	15:00	2021-04-29	/soccer/lithuania/a-lyga/dziugas-telsiai-fk-pa...	Dziugas Telsiai	FK Panevezys	3.69	3.55	1.84	TEAM1
1509	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM2
1512	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM1
1516	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	DRAW
1515	15:00	2021-04-29	/soccer/romania/liga-1/din-bucuresti-voluntari...	Din. Bucuresti	FC Voluntari	1.92	3.35	4.03	DRAW
1513	12:30	2021-04-29	/soccer/romania/liga-1/poli-iasi-viitorul-cons...	Poli Iasi	Viitorul Constanta	4.10	3.47	1.86	TEAM1

In [40]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_50")
dsp.daily_prediction(df_prediccion)
```

Out[40]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8480	15:00	2021-04-29	/soccer/lithuania/a-lyga/dziugas-telsiai-fk-pa...	Dziugas Telsiai	FK Panevezys	3.69	3.55	1.84	TEAM1
8471	01:00	2021-04-29	/soccer/panama/lpf/veraguas-herrera-EkkMqwTh/	Veraguas	Herrera	2.05	3.15	3.44	TEAM2
8462	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM2
8469	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	TEAM1
8478	17:45	2021-04-29	/soccer/romania/liga-1/cs-u-craiova-fcsb-GxbOz...	Univ. Craiova	FCSB	2.39	3.07	3.07	DRAW
8477	15:00	2021-04-29	/soccer/romania/liga-1/din-bucuresti-voluntari...	Din. Bucuresti	FC Voluntari	1.92	3.35	4.03	DRAW
8470	12:30	2021-04-29	/soccer/romania/liga-1/poli-iasi-viitorul-cons...	Poli Iasi	Viitorul Constanta	4.10	3.47	1.86	TEAM1
8474	19:00	2021-04-29	/soccer/scotland/league-one/east-fife-peterhea...	East Fife	Peterhead	1.95	3.60	3.45	TEAM2
8464	13:45	2021-04-29	/soccer/serbia/super-liga/spartak-subotica-jav...	Sp. Subotica	Javor	1.90	3.40	3.79	TEAM2
8466	13:45	2021-04-29	/soccer/serbia/super-liga/tsc-backa-topola-nap...	TSC Backa Topola	Napredak	4.53	3.63	1.70	TEAM2

## Daily predictions machin4 EMPATE

In [41]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin4")
dsp.daily_prediction(df_prediccion)
```

Out[41]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## Daily predictions machin5

In [42]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin5")
dsp.daily_prediction(df_prediccion)
```

Out[42]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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In [ ]: