

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.correccion_horario(df)
```

Out[2]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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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.correccion_horario(df)
```

Out[3]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
98	03/05/2021	18:00	basketball	usa	nba	Detroit Pistons	Orlando Magic	211.0	1.9	100	UNDER
100	03/05/2021	18:00	basketball	usa	nba	Washington Wizards	Indiana Pacers	246.5	1.9	100	UNDER
99	03/05/2021	21:00	basketball	usa	nba	Los Angeles Lakers	Denver Nuggets	213.5	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.correccion_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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	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
12	03/05/2021	18:00	hockey	usa	nhl	New Jersey Devils	Boston Bruins	5.5	1.9	100	OVER
13	03/05/2021	19:00	hockey	usa	nhl	St. Louis Blues	Anaheim Ducks	5.5	1.9	100	UNDER

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.correcion_horario(df)
```

Out[6]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
57	04/05/2021	10:00	soccer	lithuania	a-lyga	Hegelmann Litauen	Dainava Alytus	2.75	1.9	100	OVER

In [7]:

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

Out[7]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
27	04/05/2021	07:00	soccer	italy	serie-b	Pisa	Venezia	3-Venezia-0.2	1.90	100	FT_EMPATE
30	04/05/2021	07:00	soccer	italy	serie-b	Pisa	Venezia	3-Venezia-0.2	2.97	100	EMPATE
26	04/05/2021	12:00	soccer	israel	leumit-league	H. Akko	Hapoel Petah Tikva	1-H. Akko-0.21	1.90	100	FT_EMPATE
28	04/05/2021	12:00	soccer	israel	leumit-league	Beitar Tel Aviv	Hapoel Jerusalem	2-Hapoel Jerusalem-0.66	3.15	100	EMPATE
29	04/05/2021	12:00	soccer	israel	leumit-league	H. Akko	Hapoel Petah Tikva	1-H. Akko-0.21	3.02	100	EMPATE

In [8]:

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

Out[8]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	au
2281	10:00	04/05/2021	soccer@lithuania	a-lyga	Hegelmann Litauen	Dainava Alytus	2.19	3.50	2.82	TEAM1	190.780597	8
2240	11:00	04/05/2021	soccer@england	national-league	Notts Co	Sutton	3.08	3.06	2.38	TEAM2	211.177790	5
2225	11:00	04/05/2021	soccer@romania	liga-1	Chindia Targoviste	Gaz Metan Medias	2.29	3.10	3.23	TEAM2	159.070420	5

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.correcion_horario(df)
```

Out[9]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rati
2266	07:00	04/05/2021	soccer@italy	serie-b	Chievo	Cremonese	2.25	3.18	3.38	DRAW	255.4909

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Ratio
2268	07:00	04/05/2021	soccer@italy	serie-b	Monza	Lecce	2.47	3.09	3.08	DRAW	-39.7209
2270	07:00	04/05/2021	soccer@italy	serie-b	Pordenone	Salernitana	2.64	2.94	2.97	DRAW	228.7054
2252	07:00	04/05/2021	soccer@italy	serie-b	Spal	Frosinone	2.33	3.06	3.36	TEAM1	128.2804
2254	07:00	04/05/2021	soccer@italy	serie-b	Pescara	Reggiana	2.66	3.28	2.67	TEAM1	-62.8219
2256	07:00	04/05/2021	soccer@italy	serie-b	Pisa	Venezia	2.92	2.97	2.67	TEAM1	221.4433
2242	10:00	04/05/2021	soccer@south-africa	premier-league	Tshakhuma	Kaizer Chiefs	3.86	3.13	1.99	TEAM1	123.5689
2281	10:00	04/05/2021	soccer@lithuania	a-lyga	Hegelmann Litauen	Dainava Alytus	2.19	3.50	2.82	TEAM1	190.7805
2240	11:00	04/05/2021	soccer@england	national-league	Notts Co	Sutton	3.08	3.06	2.38	TEAM2	211.1777
2225	11:00	04/05/2021	soccer@romania	liga-1	Chindia Targoviste	Gaz Metan Medias	2.29	3.10	3.23	TEAM2	159.0704
2220	12:00	04/05/2021	soccer@germany	3-liga	Hansa Rostock	Ingolstadt	2.55	3.16	2.79	TEAM1	116.9626
2223	12:00	04/05/2021	soccer@germany	3-liga	Lubeck	Wehen	2.53	3.53	2.57	TEAM1	131.3313
2287	12:00	04/05/2021	soccer@germany	3-liga	Lubeck	Wehen	2.53	3.53	2.57	TEAM2	131.3313
2288	12:00	04/05/2021	soccer@germany	3-liga	Verl	SG Dynamo Dresden	3.30	3.69	2.03	TEAM2	-74.9196
2273	12:00	04/05/2021	soccer@germany	3-liga	Hansa Rostock	Ingolstadt	2.55	3.16	2.79	DRAW	116.9626
2274	12:00	04/05/2021	soccer@germany	3-liga	Munich 1860	Kaiserslautern	1.88	3.57	3.93	DRAW	81.8535

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
758	03/05/2021	18:45	baseball	usa	mlb	St.Louis Cardinals	New York Mets	X1	1.76	241.0
757	03/05/2021	20:38	baseball	usa	mlb	Los Angeles Angels	Tampa Bay Rays	X2	1.61	241.0
759	04/05/2021	11:00	soccer	france	national	Cholet	Bastia	X2	2.06	272.0
756	04/05/2021	12:00	soccer	germany	3-liga	Hansa Rostock	Ingolstadt	X2	2.79	100.0
755	04/05/2021	12:00	soccer	israel	leumit-league	Beitar Tel Aviv	Hapoel Jerusalem	X2	2.51	100.0
760	04/05/2021	12:00	soccer	israel	leumit-league	Hapoel Kfar Shalem	Hapoel Afula	X1	2.95	166.0

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
423	0:0	2021-05-04	hockey/usa_nhl	Minnesota Wild	Vegas Golden Knights	2.77	4.15	2.23	1
424	0:0	2021-05-04	hockey/usa_nhl	Arizona Coyotes	Los Angeles Kings	2.05	4.11	3.11	2

Out [12]:

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
26	0:0	2021-05-04	hockey/usa_nhl	Minnesota Wild	Vegas Golden Knights	2.77	4.15	2.23	2
27	0:0	2021-05-04	hockey/usa_nhl	Arizona Coyotes	Los Angeles Kings	2.05	4.11	3.11	2

TAN!! SPECIAL SELECTION

In [13]:

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

Out[13]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2308	09:00	04/05/2021	/soccer/malaysia/super-league/terengganu-uitm-...	Terengganu	UiTM	1.21	6.03	10.46	TEAM1
2310	09:30	04/05/2021	/soccer/bulgaria/parva-liga/lokplovdiv-cska-1...	Lok. Plovdiv	CSKA 1948 Sofia	1.26	5.19	10.43	TEAM1
2311	11:00	04/05/2021	/soccer/serbia/super-liga/mladost-lucani-fk-vo...	Mladost	FK Vozdovac	1.60	3.65	5.10	TEAM1
2309	11:45	04/05/2021	/soccer/bulgaria/parva-liga/ludogorets-beroe-n...	Ludogorets	Beroe	1.36	4.50	8.00	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
201	01:00	2021-05-04	/basketball/usa/nba/atlanta-hawks-portland-tra...	Atlanta Hawks	Portland Trail Blazers	1.7	0.0	2.21	0.533215
202	02:00	2021-05-04	/basketball/usa/nba/memphis-grizzlies-new-york...	Memphis Grizzlies	New York Knicks	1.6	0.0	2.43	0.462486

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
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Premium

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
1454	2021-05-04	17:30	soccer	germany	2-bundesliga	Holstein Kiel	Sandhausen	X2	1.000000	4.29	100
1452	2021-05-04	18:00	soccer	germany	3-liga	Hansa Rostock	Ingolstadt	X2	1.000000	2.79	100
1453	2021-05-04	18:00	soccer	germany	3-liga	Munich 1860	Kaiserslautern	X2	1.000000	3.93	100
1450	2021-05-04	18:00	soccer	israel	leumit-league	H. Raanana	Hapoel Umm al-Fahm	X2	1.000000	3.44	100
1451	2021-05-04	18:00	soccer	israel	leumit-league	Beitar Tel Aviv	Hapoel Jerusalem	X2	1.000000	2.51	100
1455	2021-05-04	03:10	baseball	usa	mlb	San Diego Padres	Pittsburgh Pirates	UNDER	0.530887	1.90	100
1456	2021-05-04	00:00	basketball	usa	nba	Washington Wizards	Indiana Pacers	OVER	0.612084	1.90	100
1457	2021-05-04	00:30	basketball	usa	nba	New Orleans Pelicans	Golden State Warriors	OVER	0.676627	1.90	100
1458	2021-05-04	02:00	basketball	usa	nba	Chicago Bulls	Philadelphia 76ers	OVER	0.844286	1.90	100
1459	2021-05-04	02:00	basketball	usa	nba	Memphis Grizzlies	New York Knicks	OVER	0.769954	1.90	100
1460	2021-05-04	03:00	basketball	usa	nba	Utah Jazz	San Antonio Spurs	OVER	0.567925	1.90	100
1461	2021-05-04	03:00	basketball	usa	nba	Los Angeles Lakers	Denver Nuggets	OVER	0.676662	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
1381	2021-05-04	17:45	soccer	bulgaria	parva-liga	Ludogorets	Beroe	TEAM1	1.36	136
1379	2021-05-04	19:00	soccer	england	league-one	Blackpool	Doncaster	TEAM1	1.57	260
1380	2021-05-04	13:00	soccer	italy	serie-b	Empoli	Cosenza	TEAM1	1.41	117
1382	2021-05-04	17:00	soccer	serbia	super-liga	Mladost	FK Vozdovac	TEAM1	1.60	278

id	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1383	2021-05-04	01:10	baseball	usa	mlb	Kansas City Royals	Cleveland Indians	TEAM2	1.86	208

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
1662	19:00	2021-05-04	/soccer/england/league-one/blackpool-doncaster...	Blackpool	Doncaster	1.57	4.11	5.66	TEAM1
1663	13:00	2021-05-04	/soccer/italy/serie-b/empoli-cosenza-2qFm3sr7/	Empoli	Cosenza	1.41	4.41	8.07	TEAM1

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]:

```
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
1799	2021-05-04	17:45	soccer	bulgaria	parva-liga	Ludogorets	Beroe	3.75	1.31	100	0.852177
1802	2021-05-04	16:00	soccer	lithuania	a-lyga	Hegelmann Litauen	Dainava Alytus	3.75	1.32	100	0.082183
1800	2021-05-04	17:00	soccer	serbia	super-liga	Radnik	Sp. Subotica	3.75	1.32	100	0.887952
1801	2021-05-04	17:00	soccer	serbia	super-liga	Mladost	FK Vozdovac	3.50	1.33	100	0.577198
1779	2021-05-04	00:40	baseball	usa	mlb	Minnesota Twins	Texas Rangers	10.50	1.43	100	0.614456
1780	2021-05-04	00:45	baseball	usa	mlb	St.Louis Cardinals	New York Mets	10.50	1.40	100	0.675898
1781	2021-05-04	01:40	baseball	usa	mlb	Colorado Rockies	San Francisco Giants	12.00	1.42	100	0.634512
1782	2021-05-04	02:38	baseball	usa	mlb	Los Angeles Angels	Tampa Bay Rays	10.00	1.42	100	0.894637
1783	2021-05-04	02:40	baseball	usa	mlb	Oakland Athletics	Toronto Blue Jays	10.50	1.43	100	0.821764
1784	2021-05-04	03:10	baseball	usa	mlb	Seattle Mariners	Baltimore Orioles	10.50	1.41	100	0.642160
1785	2021-05-04	03:10	baseball	usa	mlb	San Diego Padres	Pittsburgh Pirates	10.00	1.41	100	0.530887

	1786	2021-05-04	00:00	basketball	usa	nba	Washington Wizards	Indiana Pacers	team1_	team2_	objetivo	odd	criterio	outcome
	1787	2021-05-04	00:00	basketball	usa	nba	Detroit Pistons	Orlando Magic			216.00	1.58	100	0.412882
	1788	2021-05-04	00:30	basketball	usa	nba	New Orleans Pelicans	Golden State Warriors			241.50	1.59	100	0.676627
	1789	2021-05-04	01:00	basketball	usa	nba	Atlanta Hawks	Portland Trail Blazers			241.00	1.56	100	0.423703
	1790	2021-05-04	02:00	basketball	usa	nba	Chicago Bulls	Philadelphia 76ers			217.00	1.57	100	0.844286
	1791	2021-05-04	02:00	basketball	usa	nba	Memphis Grizzlies	New York Knicks			226.00	1.59	100	0.769954
	1792	2021-05-04	03:00	basketball	usa	nba	Utah Jazz	San Antonio Spurs			225.50	1.58	100	0.567925
	1793	2021-05-04	03:00	basketball	usa	nba	Los Angeles Lakers	Denver Nuggets			218.50	1.61	100	0.676662
	1794	2021-05-04	00:00	hockey	usa	nhl	New Jersey Devils	Boston Bruins			6.50	1.45	100	0.621491
	1795	2021-05-04	00:00	hockey	usa	nhl	Philadelphia Flyers	Pittsburgh Penguins			7.00	1.41	100	0.606893
	1796	2021-05-04	01:00	hockey	usa	nhl	St. Louis Blues	Anaheim Ducks			6.50	1.40	100	0.520237
	1797	2021-05-04	01:00	hockey	usa	nhl	Minnesota Wild	Vegas Golden Knights			6.50	1.43	100	0.100511
	1798	2021-05-04	03:00	hockey	usa	nhl	Vancouver Canucks	Edmonton Oilers			7.00	1.39	100	0.192577

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
	111	2021-05-04	00:00	basketball	usa	nba	Washington Wizards	Indiana Pacers	-4.00	1.9	100	0.505496
	112	2021-05-04	00:00	basketball	usa	nba	Detroit Pistons	Orlando Magic	-2.00	1.9	100	0.467311
	113	2021-05-04	00:30	basketball	usa	nba	New Orleans Pelicans	Golden State Warriors	-2.50	1.9	100	0.606201
	114	2021-05-04	01:00	basketball	usa	nba	Atlanta Hawks	Portland Trail Blazers	-2.50	1.9	100	0.587059
	115	2021-05-04	02:00	basketball	usa	nba	Chicago Bulls	Philadelphia 76ers	6.00	1.9	100	0.551606
	116	2021-05-04	02:00	basketball	usa	nba	Memphis Grizzlies	New York Knicks	-4.00	1.9	100	0.487503
	117	2021-05-04	03:00	basketball	usa	nba	Utah Jazz	San Antonio Spurs	-7.50	1.9	100	0.775300
	118	2021-05-04	03:00	basketball	usa	nba	Los Angeles Lakers	Denver Nuggets	5.00	1.9	100	0.463924
	102	2021-05-04	00:00	hockey	usa	nhl	Florida Panthers	Dallas Stars	-0.25	1.9	100	0.535656
	103	2021-05-04	00:00	hockey	usa	nhl	New Jersey Devils	Boston Bruins	1.25	1.9	100	0.625167
	104	2021-05-04	00:00	hockey	usa	nhl	Philadelphia Flyers	Pittsburgh Penguins	0.50	1.9	100	0.271511
	105	2021-05-04	00:00	hockey	usa	nhl	Carolina Hurricanes	Chicago Blackhawks	-1.50	1.9	100	0.793794
	106	2021-05-04	00:00	hockey	usa	nhl	Columbus Blue Jackets	Nashville Predators	0.50	1.9	100	0.722321
	107	2021-05-04	01:00	hockey	usa	nhl	St. Louis Blues	Anaheim Ducks	-1.25	1.9	100	0.834486
	108	2021-05-04	01:00	hockey	usa	nhl	Minnesota Wild	Vegas Golden Knights	0.25	1.9	100	0.533777
	109	2021-05-04	03:00	hockey	usa	nhl	Vancouver Canucks	Edmonton Oilers	1.00	1.9	100	0.941241
	110	2021-05-04	03:30	hockey	usa	nhl	San Jose Sharks	Colorado Avalanche	1.50	1.9	100	0.680847

NBA

In [24]:

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

Out[24]:

		hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
	868	01:00	2021-05-04	/basketball/usa/nba/atlanta-hawks-portland-tra...	Atlanta Hawks	Portland Trail Blazers	1.70	0	2.21	0.533215

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
869	02:00	2021-05-04	/basketball/usa/nba/chicago-bulls-philadelphia-76ers	Chicago Bulls	Philadelphia 76ers	3.04	0	1.41	0.415866
866	00:00	2021-05-04	/basketball/usa/nba/detroit-pistons-orlando-magic	Detroit Pistons	Orlando Magic	1.79	0	2.08	0.592644
872	03:00	2021-05-04	/basketball/usa/nba/los-angeles-lakers-denver-nuggets	Los Angeles Lakers	Denver Nuggets	2.66	0	1.52	0.388567
870	02:00	2021-05-04	/basketball/usa/nba/memphis-grizzlies-new-york-knicks	Memphis Grizzlies	New York Knicks	1.60	0	2.43	0.462486
867	00:30	2021-05-04	/basketball/usa/nba/new-orleans-pelicans-golden-state-warriors	New Orleans Pelicans	Golden State Warriors	1.72	0	2.19	0.522809
871	03:00	2021-05-04	/basketball/usa/nba/utah-jazz-san-antonio-spurs	Utah Jazz	San Antonio Spurs	1.33	0	3.49	0.579049
865	00:00	2021-05-04	/basketball/usa/nba/washington-wizards-indiana-pacers	Washington Wizards	Indiana Pacers	1.57	0	2.50	0.615356

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
------	------	-------------	-------	-------	------------	-----------	------------	----------

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
539	0:0	2021-05-04	basketball/usa_nba	Los Angeles Lakers	Denver Nuggets	2.06	0	1.80	1
540	0:0	2021-05-04	basketball/usa_nba	Memphis Grizzlies	New York Knicks	1.64	0	2.31	2

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
817	03:00	2021-05-04	/hockey/usa/nhl/arizona-coyotes-los-angeles-kings	Arizona Coyotes	Los Angeles Kings	2.02	4.13	3.15	0.554084
807	00:00	2021-05-04	/hockey/usa/nhl/buffalo-sabres-new-york-island-ers	Buffalo Sabres	New York Islanders	4.61	4.65	1.61	0.409296
811	00:00	2021-05-04	/hockey/usa/nhl/carolina-hurricanes-chicago-blackhawks	Carolina Hurricanes	Chicago Blackhawks	1.59	4.84	4.53	0.638518
812	00:00	2021-05-04	/hockey/usa/nhl/columbus-blue-jackets-nashville-predators	Columbus Blue Jackets	Nashville Predators	3.47	4.19	1.90	0.381055
806	00:00	2021-05-04	/hockey/usa/nhl/florida-panthers-dallas-stars	Florida Panthers	Dallas Stars	2.18	4.06	2.86	0.591583

816	01:00	2021-05-04	/hockey/usa/nhl/minnesota-wild-vegas-golden-knights	Minnesota Wild	Vegas Golden Knights	team1_odds	draw_odds	team2_odds	objetivo
813	00:00	2021-05-04	/hockey/usa/nhl/montreal-canadiens-toronto-maple-leafs	Montreal Canadiens	Toronto Maple Leafs	3.27	4.30	1.93	0.488772
808	00:00	2021-05-04	/hockey/usa/nhl/new-jersey-devils-boston-bruins	New Jersey Devils	Boston Bruins	4.13	4.56	1.68	0.405085
809	00:00	2021-05-04	/hockey/usa/nhl/new-york-rangers-washington-capitals	New York Rangers	Washington Capitals	2.54	4.26	2.37	0.502148
814	00:00	2021-05-04	/hockey/usa/nhl/ottawa-senators-winnipeg-jets	Ottawa Senators	Winnipeg Jets	3.12	4.21	2.00	0.602837
810	00:00	2021-05-04	/hockey/usa/nhl/philadelphia-flyers-pittsburgh-penguins	Philadelphia Flyers	Pittsburgh Penguins	3.26	4.46	1.91	0.357587
819	03:30	2021-05-04	/hockey/usa/nhl/san-jose-sharks-colorado-avalanche	San Jose Sharks	Colorado Avalanche	4.70	4.93	1.57	0.435404
815	01:00	2021-05-04	/hockey/usa/nhl/st-louis-blues-anaheim-ducks	St. Louis Blues	Anaheim Ducks	1.67	4.52	4.28	0.687425
818	03:00	2021-05-04	/hockey/usa/nhl/vancouver-canucks-edmonton-oilers	Vancouver Canucks	Edmonton Oilers	3.79	4.53	1.75	0.453111

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
263	01:10	2021-05-04	/baseball/usa/mlb/kansas-city-royals-cleveland-indians	Kansas City Royals	Cleveland Indians	2.02	0	1.86	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
------	------	-------------	-------	-------	------------	-----------	------------	----------

SOCCER EMPATE SECUENCIA

In [31]:

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

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

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
643	19:00	2021-05-04	soccer/england_league-one	Shrewsbury	Ipswich	2.48	3.17	2.99	6-Shrewsbury-0.11
646	18:00	2021-05-04	soccer/germany_3-liga	Munich 1860	Kaiserslautern	1.88	3.57	3.93	1-Kaiserslautern-0.27
641	18:00	2021-05-04	soccer/israel_leumit-league	MS Kafr Qasim	M. Nazareth	1.81	3.29	4.27	1-MS Kafr Qasim-0.08
642	18:00	2021-05-04	soccer/israel_leumit-league	H. Akko	Hapoel Petah Tikva	2.64	3.02	2.65	1-H. Akko-0.21
647	18:00	2021-05-04	soccer/israel_leumit-league	Beitar Tel Aviv	Hapoel Jerusalem	2.66	3.15	2.51	2-Hapoel Jerusalem-0.66
638	13:00	2021-05-04	soccer/italy_serie-b	Empoli	Cosenza	1.41	4.41	8.07	1-Empoli-0.11
639	13:00	2021-05-04	soccer/italy_serie-b	Chievo	Cremonese	2.25	3.18	3.38	1-Chievo-0.14
640	13:00	2021-05-04	soccer/italy_serie-b	Pisa	Venezia	2.92	2.97	2.67	1-Pisa-0.15
644	13:00	2021-05-04	soccer/italy_serie-b	Spal	Frosinone	2.33	3.06	3.36	2-Frosinone-0.19
645	13:00	2021-05-04	soccer/italy_serie-b	Pisa	Venezia	2.92	2.97	2.67	3-Venezia-0.2
648	19:00	2021-05-04	soccer/scotland_league-one	Airdrieonians	Falkirk	2.69	3.32	2.49	2-Falkirk-0.02

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
602	02:00	2021-05-04	soccer/costa-rica_primera-division	Sporting San Jose	Alajuelense	2.31	3.42	2.80	FAVORITO-2-Alajuelense--0.42
599	19:00	2021-05-04	soccer/england_league-one	Charlton	Lincoln	2.01	3.50	3.72	FALLO-1-Lincoln--0.42
605	19:00	2021-05-04	soccer/england_league-one	Shrewsbury	Ipswich	2.48	3.17	2.99	FAVORITO-1-Ipswich--0.51
597	18:00	2021-05-04	soccer/france_ligue-2	Le Havre	Toulouse	4.10	3.17	2.01	FALLO-4-Le Havre--0.59
601	18:00	2021-05-04	soccer/germany_3-liga	Munich 1860	Kaiserslautern	1.88	3.57	3.93	FAVORITO-5-Munich 1860--0.13
598	13:00	2021-05-04	soccer/italy_serie-b	Reggina	Ascoli	2.22	3.09	3.57	FALLO-3-Ascoli--0.2
600	13:00	2021-05-04	soccer/italy_serie-b	Pescara	Reggiana	2.66	3.28	2.67	FAVORITO-1-Pescara--0.26
603	13:00	2021-05-04	soccer/italy_serie-b	Pordenone	Salernitana	2.64	2.94	2.97	FAVORITO-1-Salernitana--0.38
604	17:30	2021-05-04	soccer/sweden_superettan	GAIS	Osters	3.02	3.08	2.45	FAVORITO-1-Osters--0.42

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
104	19:00	2021-05-04	soccer/england_league-one	Charlton	Lincoln	2.01	3.5	3.72	FALLO-2-Charlton-0.16

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
------	------	-------------	-------	-------	------------	-----------	------------	----------

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
739	17:00	2021-05-04	/soccer/england/national-league/notts-county-s...	Notts Co	Sutton	3.08	3.06	2.38	TEAM2

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
7596	15:00	2021-05-04	/soccer/malaysia/super-league/terengganu-uitm-...	Terengganu	UiTM	1.21	6.03	10.46	0.791094
7597	17:45	2021-05-04	/soccer/bulgaria/parva-liga/ludogorets-beroe-n...	Ludogorets	Beroe	1.36	4.50	8.00	0.739174
7601	17:00	2021-05-04	/soccer/serbia/super-liga/javor-proleter-novi...	Javor	Proleter	1.67	3.55	4.73	0.635345
7600	17:00	2021-05-04	/soccer/serbia/super-liga/radnik-surdulica-spa...	Radnik	Sp. Subotica	1.67	3.78	4.36	0.630133
7604	19:00	2021-05-04	/soccer/scotland/league-one/airdrieonians-falk...	Airdrieonians	Falkirk	2.69	3.32	2.49	0.616831
7598	15:30	2021-05-04	/soccer/bulgaria/parva-liga/lok-plovdiv-cska-1...	Lok. Plovdiv	CSKA 1948 Sofia	1.26	5.19	10.43	0.602957
7603	17:00	2021-05-04	/soccer/serbia/super-liga/mladost-lucani-fk-vo...	Mladost	FK Vozdovac	1.60	3.65	5.10	0.581476
7594	15:00	2021-05-04	/soccer/malaysia/super-league/kedah-johor-dt-l...	Kedah	Johor DT	3.83	3.55	1.82	0.533013
7602	17:00	2021-05-04	/soccer/serbia/super-liga/napredak-cukaricki-p...	Napredak	Cukaricki	1.55	3.95	5.14	0.503240
7606	19:00	2021-05-04	/soccer/scotland/league-one/dumbarton-peterhea...	Dumbarton	Peterhead	2.37	3.21	2.94	0.500085
7607	19:00	2021-05-04	/soccer/scotland/league-one/forfar-athletic-ea...	Forfar Athletic	East Fife	3.13	3.53	2.13	0.472408
7599	17:00	2021-05-04	/soccer/serbia/super-liga/backa-novi-pazar-U1e...	Backa	Novi Pazar	7.39	4.47	1.36	0.404499
7605	19:00	2021-05-04	/soccer/scotland/league-one/montrose-partick-4...	Montrose	Partick Thistle	2.77	3.61	2.30	0.402866
7608	16:00	2021-05-04	/soccer/lithuania/a-lyga/hegelmann-litauen-dai...	Hegelmann Litauen	Dainava Alytus	2.19	3.50	2.82	0.382034
7609	18:00	2021-05-04	/soccer/lithuania/a-lyga/nevezis-kedainiai-zal...	Nevezis Kedainiai	Zalgiris	14.33	8.01	1.12	0.199260
7595	15:00	2021-05-04	/soccer/malaysia/super-league/kuala-lumpur-cit...	Kuala Lumpur City	Penang	2.68	3.17	2.46	0.182436

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
1603	11:00	2021-05-04	/soccer/china/super-league/changchun-yatai-wuh...	Changchun Yatai	Wuhan FC	2.61	3.32	2.67	TEAM1
1598	18:00	2021-05-04	/soccer/israel/leumit-league/beitar-tel-aviv-h...	Beitar Tel Aviv	Hapoel Jerusalem	2.66	3.15	2.51	DRAW
1595	18:00	2021-05-04	/soccer/israel/leumit-league/h-raanana-hapoel-...	H. Raanana	Hapoel Umm al-Fahm	2.04	3.25	3.44	DRAW

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1593	18:00	2021-05-04	/soccer/israel/leumit-league/hapoel-kfar-shale...	Hapoel Kfar Shalem	Hapoel Afula	2.95	3.12	2.32	TEAM1
1601	16:00	2021-05-04	/soccer/lithuania/a-lyga/hegelmann-litauen-dai...	Hegelmann Litauen	Dainava Alytus	2.19	3.50	2.82	TEAM1
1586	17:00	2021-05-04	/soccer/romania/liga-1/chindia-targoviste-gaz-...	Chindia Targoviste	Gaz Metan Medias	2.29	3.10	3.23	TEAM2

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
8744	11:00	2021-05-04	/soccer/china/super-league/changchun-yatai-wuh...	Changchun Yatai	Wuhan FC	2.61	3.32	2.67	TEAM1
8708	19:15	2021-05-04	/soccer/england/championship/luton-rotherham-4...	Luton	Rotherham	2.91	3.60	2.37	TEAM2
8710	17:00	2021-05-04	/soccer/england/national-league/notts-county-s...	Notts Co	Sutton	3.08	3.06	2.38	TEAM2
8715	17:00	2021-05-04	/soccer/france/national/cholet-bastia-UmYtLnJS/	Cholet	Bastia	3.79	3.14	2.06	DRAW
8741	17:00	2021-05-04	/soccer/france/national/cholet-bastia-UmYtLnJS/	Cholet	Bastia	3.79	3.14	2.06	TEAM1
8714	19:00	2021-05-04	/soccer/france/national/le-mans-creteil-j5Nqea6/	Le Mans	Creteil	2.11	3.03	3.77	DRAW
8737	19:00	2021-05-04	/soccer/france/national/le-mans-creteil-j5Nqea6/	Le Mans	Creteil	2.11	3.03	3.77	TEAM2
8742	17:30	2021-05-04	/soccer/germany/2-bundesliga/holstein-kiel-san...	Holstein Kiel	Sandhausen	1.79	3.80	4.29	DRAW
8732	18:00	2021-05-04	/soccer/germany/3-liga/hansa-rostock-ingolstad...	Hansa Rostock	Ingolstadt	2.55	3.16	2.79	DRAW
8733	18:00	2021-05-04	/soccer/germany/3-liga/munich-1860-kaiserslaut...	Munich 1860	Kaiserslautern	1.88	3.57	3.93	DRAW
8728	18:00	2021-05-04	/soccer/israel/leumit-league/beitar-tel-aviv-h...	Beitar Tel Aviv	Hapoel Jerusalem	2.66	3.15	2.51	DRAW
8725	18:00	2021-05-04	/soccer/israel/leumit-league/h-raanana-hapoel-...	H. Raanana	Hapoel Umm al-Fahm	2.04	3.25	3.44	DRAW
8707	18:00	2021-05-04	/soccer/israel/leumit-league/hapoel-kfar-shale...	Hapoel Kfar Shalem	Hapoel Afula	2.95	3.12	2.32	TEAM1
8722	13:00	2021-05-04	/soccer/italy/serie-b/pescara-reggiana-zmAsPO4Q/	Pescara	Reggiana	2.66	3.28	2.67	TEAM1
8724	13:00	2021-05-04	/soccer/italy/serie-b/pisa-unione-venezia-fXjE...	Pisa	Venezia	2.92	2.97	2.67	TEAM1
8720	13:00	2021-05-04	/soccer/italy/serie-b/spal-frosinone-ruhzRpzE/	Spal	Frosinone	2.33	3.06	3.36	TEAM1
8739	16:00	2021-05-04	/soccer/lithuania/a-lyga/hegelmann-litauen-dai...	Hegelmann Litauen	Dainava Alytus	2.19	3.50	2.82	TEAM1
8696	17:00	2021-05-04	/soccer/romania/liga-1/chindia-targoviste-gaz-...	Chindia Targoviste	Gaz Metan Medias	2.29	3.10	3.23	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
------	------	-------------	-------	-------	------------	-----------	------------	----------

In []: