

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
57	11:00	07/05/2021	soccer/czech-republic_1-liga	Jablonec	Teplice	1.35	5.06	7.86	1-Jablonec--0.12

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
115	06/05/2021	19:00	basketball	usa	nba	Indiana Pacers	Atlanta Hawks	240.0	1.9	100	OVER

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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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
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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.correcion_horario(df)
```

Out[7]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
31	07/05/2021	07:00	soccer	italy	serie-b	Frosinone	L.R. Vicenza	3-Frosinone-0.19	1.9	100	FT_EMPATE
32	07/05/2021	08:00	soccer	israel	leumit-league	Hapoel Jerusalem	Hap. Ramat Gan	3-Hapoel Jerusalem-0.66	1.9	100	FT_EMPATE
33	07/05/2021	11:30	soccer	germany	2-bundesliga	Holstein Kiel	St. Pauli	7-St. Pauli-0.05	1.9	100	FT_EMPATE

In [8]:

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

Out[8]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
5	07/05/2021	07:00	soccer	italy	serie-b	Reggiana	Spal	TEAM1	3.01	100	TEAM1
9	07/05/2021	07:00	soccer	italy	serie-b	Ascoli	Cittadella	TEAM1	2.77	100	TEAM1
10	07/05/2021	07:00	soccer	italy	serie-b	Frosinone	L.R. Vicenza	TEAM1	2.43	100	TEAM1
11	07/05/2021	07:00	soccer	italy	serie-b	Lecce	Reggina	TEAM1	1.72	100	TEAM1
17	07/05/2021	07:00	soccer	italy	serie-b	Cosenza	Monza	DRAW	3.39	100	DRAW
18	07/05/2021	07:00	soccer	italy	serie-b	Ascoli	Cittadella	DRAW	2.97	100	DRAW
19	07/05/2021	07:00	soccer	italy	serie-b	Venezia	Pordenone	DRAW	3.34	100	DRAW
14	07/05/2021	08:00	soccer	ukraine	persha-liga	Mykolaiv	Ch. Odessa	TEAM1	2.42	100	TEAM1
22	07/05/2021	09:00	soccer	ukraine	persha-liga	Kramatorsk	Volyn Lutsk	TEAM2	1.78	100	TEAM2
23	07/05/2021	09:30	soccer	bulgaria	parva-liga	Beroe	Arda	TEAM2	3.63	100	TEAM2
25	07/05/2021	10:00	soccer	lithuania	a-lyga	Banga	FK Panevezys	TEAM2	1.73	100	TEAM2
21	07/05/2021	11:30	soccer	austria	2-liga	Kapfenberg	SK Rapid Vienna (Am)	TEAM2	2.78	100	TEAM2
6	07/05/2021	11:45	soccer	ireland	premier-division	Derry City	Longford	TEAM1	1.95	100	TEAM1
27	07/05/2021	12:10	soccer	croatia	1-hnl	Gorica	Osijek	TEAM2	2.11	100	TEAM2
8	07/05/2021	13:30	soccer	germany	bundesliga	Stuttgart	Augsburg	TEAM1	2.07	100	TEAM1
7	07/05/2021	13:45	soccer	ireland	premier-division	Dundalk	Sligo Rovers	TEAM1	1.96	100	TEAM1

In []:

+++ [] *

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

Out[9]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rati
2444	09:00	07/05/2021	soccer@ukraine	persha-liga	Kramatorsk	Volyn Lutsk	4.06	3.31	1.78	TEAM2	12.2101
2428	10:00	07/05/2021	soccer@lithuania	a-lyga	Banga	FK Panevezys	3.97	3.78	1.73	TEAM1	272.9230
2429	13:00	07/05/2021	soccer@netherlands	eredivisie	Sparta Rotterdam	Vitesse	3.14	3.63	2.20	TEAM2	-64.9450

In []:

In [10]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_0")
df = dsp.daily_prediction_model(df_prediccion,min_auc=0,min_games=5)
dsp.correccion_horario(df)
```

Out[10]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Ratin
2414	07:00	07/05/2021	soccer@italy	serie-b	Venezia	Pordenone	1.81	3.34	4.91	DRAW	152.24739
2415	07:00	07/05/2021	soccer@italy	serie-b	Lecce	Reggina	1.72	3.51	5.26	DRAW	107.93742
2416	07:00	07/05/2021	soccer@italy	serie-b	Cosenza	Monza	4.68	3.39	1.83	DRAW	251.70796
2397	07:00	07/05/2021	soccer@italy	serie-b	Ascoli	Cittadella	2.77	2.97	2.81	TEAM1	152.58859
2398	07:00	07/05/2021	soccer@italy	serie-b	Frosinone	L.R. Vicenza	2.43	2.75	3.55	TEAM1	7.94979
2399	07:00	07/05/2021	soccer@italy	serie-b	Cremonese	Pescara	1.87	3.43	4.34	TEAM1	211.33137
2402	07:00	07/05/2021	soccer@italy	serie-b	Cosenza	Monza	4.68	3.39	1.83	TEAM1	251.70796
2386	08:00	07/05/2021	soccer@croatia	1-hnl	Lok. Zagreb	Slaven Belupo	2.52	2.95	2.95	TEAM1	-48.27711
2430	09:30	07/05/2021	soccer@bulgaria	parva-liga	Beroe	Arda	2.02	3.17	3.63	TEAM1	164.47143
2428	10:00	07/05/2021	soccer@lithuania	a-lyga	Banga	FK Panevezys	3.97	3.78	1.73	TEAM1	272.92304
2387	10:05	07/05/2021	soccer@croatia	1-hnl	Sibenik	Istra 1961	2.42	3.07	2.96	TEAM1	205.11740
2432	12:00	07/05/2021	soccer@germany	3-liga	Turkgucu Munchen	Verl	3.47	3.77	1.94	TEAM2	128.98169
2418	12:00	07/05/2021	soccer@germany	3-liga	Turkgucu Munchen	Verl	3.47	3.77	1.94	DRAW	128.98169
2388	12:10	07/05/2021	soccer@croatia	1-hnl	Gorica	Osijek	3.48	3.16	2.11	TEAM1	175.67362
2395	13:30	07/05/2021	soccer@germany	bundesliga	Stuttgart	Augsburg	2.07	3.58	3.64	TEAM1	-59.22035

In [11]:

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

Out[11]:

date hora sport area league team1 team2 objetivo odd m criterio

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
780	06/05/2021	18:00	basketball	usa	nba	Charlotte Hornets	Chicago Bulls	UNDER-223.5	1.58	100.0
781	06/05/2021	18:30	basketball	usa	nba	Dallas Mavericks	Brooklyn Nets	UNDER-239.5	1.59	100.0
782	06/05/2021	19:00	basketball	usa	nba	Detroit Pistons	Memphis Grizzlies	UNDER-226.5	1.61	100.0
777	06/05/2021	20:38	baseball	usa	mlb	Los Angeles Angels	Tampa Bay Rays	X1	1.67	191.0
779	07/05/2021	07:00	soccer	italy	serie-b	Cremonese	Pescara	X1	1.87	100.0
774	07/05/2021	08:00	soccer	israel	leumit-league	H. Raanana	MS Kafr Qasim	X2	2.82	100.0
778	07/05/2021	08:00	soccer	israel	leumit-league	Nes Tziona	Beitar Tel Aviv	X1	1.87	100.0
776	07/05/2021	11:30	soccer	germany	2-bundesliga	Holstein Kiel	St. Pauli	X2	2.82	100.0
775	07/05/2021	12:00	soccer	germany	3-liga	Turkgucu Munchen	Verl	X2	1.94	100.0

NHL CLUSTER FALLO

In [12]:

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

Out[12]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
434	0:0	2021-05-07	hockey/usa_nhl	Columbus Blue Jackets	Detroit Red Wings	2.14	4.03	2.97	2
435	0:0	2021-05-07	hockey/usa_nhl	Tampa Bay Lightning	Dallas Stars	2.00	4.18	3.19	2
436	0:0	2021-05-07	hockey/usa_nhl	Washington Capitals	Philadelphia Flyers	1.82	4.57	3.52	2

In [13]:

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

Out[13]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
37	0:0	2021-05-07	hockey/usa_nhl	Columbus Blue Jackets	Detroit Red Wings	2.14	4.03	2.97	2
38	0:0	2021-05-07	hockey/usa_nhl	Tampa Bay Lightning	Dallas Stars	2.00	4.18	3.19	2
39	0:0	2021-05-07	hockey/usa_nhl	Washington Capitals	Philadelphia Flyers	1.82	4.57	3.52	2

TAN!! SPECIAL SELECTION

In [14]:

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

Out[14]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2319	08:00	07/05/2021	/soccer/ukraine/persha-liga/veres-rivne-krysta...	Veres-Rivne	Krystal	1.07	8.53	17.86	TEAM1
2318	14:00	07/05/2021	/soccer/england/premier-league/leicester-newca...	Leicester	Newcastle	1.42	4.88	7.94	TEAM1
2317	14:00	07/05/2021	/soccer/spain/laliga/real-sociedad-elche-8pQXw...	Real Sociedad	Elche	1.56	3.91	7.24	TEAM1

In [15]:

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

Out[15]:

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

In [16]:

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

Out[16]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
208	00:00	2021-05-07	/basketball/usa/nba/charlotte-hornets-chicago...	Charlotte Hornets	Chicago Bulls	2.51	0.0	1.57	0.588064
209	00:30	2021-05-07	/basketball/usa/nba/dallas-mavericks-brooklyn...	Dallas Mavericks	Brooklyn Nets	2.35	0.0	1.64	0.559337
211	01:00	2021-05-07	/basketball/usa/nba/indiana-pacers-atlanta-haw...	Indiana Pacers	Atlanta Hawks	3.02	0.0	1.42	0.456517
210	00:30	2021-05-07	/basketball/usa/nba/toronto-raptors-washington...	Toronto Raptors	Washington Wizards	1.96	0.0	1.90	0.470361

GANAN 1 si objetivo es mayor a 0.52, GANAN 2 si es menor a 49

In [17]:

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

Out[17]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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Premium

In [18]:

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

Out[18]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1492	2021-05-07	20:00	soccer	england	premier-league	Leicester	Newcastle	TEAM1	1.000000	1.42	100
1490	2021-05-07	17:30	soccer	germany	2-bundesliga	Holstein Kiel	St. Pauli	X2	1.000000	2.82	100
1489	2021-05-07	18:00	soccer	germany	3-liga	Turkgucu Munchen	Verl	X2	1.000000	1.94	100

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1486	2021-05-07	14:00	soccer	israel	leumit-league	Hapoel Jerusalem	Hap. Ramat Gan	X2	1.000000	4.31	100
1487	2021-05-07	14:00	soccer	israel	leumit-league	M. Nazareth	Hapoel Kfar Shalem	X2	1.000000	3.33	100
1488	2021-05-07	14:00	soccer	israel	leumit-league	H. Raanana	MS Kafr Qasim	X2	1.000000	2.82	100
1491	2021-05-07	20:00	soccer	spain	laliga	Real Sociedad	Elche	TEAM1	1.000000	1.56	100
1493	2021-05-07	02:38	baseball	usa	mlb	Los Angeles Angels	Tampa Bay Rays	UNDER	0.535149	1.90	100
1494	2021-05-07	00:30	basketball	usa	nba	Toronto Raptors	Washington Wizards	OVER	0.747130	1.90	100
1495	2021-05-07	01:00	basketball	usa	nba	Indiana Pacers	Atlanta Hawks	OVER	0.634573	1.90	100
1496	2021-05-07	03:00	basketball	usa	nba	Golden State Warriors	Oklahoma City Thunder	OVER	0.870606	1.90	100
1497	2021-05-07	03:00	basketball	usa	nba	Los Angeles Clippers	Los Angeles Lakers	OVER	0.643926	1.90	100

Criterio

In [19]:

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

Out[19]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1389	2021-05-07	17:00	soccer	iran	division-1	Havadar SC	Chooka Talesh	TEAM1	1.66	272
1393	2021-05-07	10:30	baseball	south-korea	kbo	KT Wiz Suwon	NC Dinos	TEAM1	1.99	140
1390	2021-05-07	20:00	soccer	spain	laliga	Real Sociedad	Elche	TEAM1	1.56	222
1391	2021-05-07	14:00	soccer	ukraine	persha-liga	Veres-Rivne	Krystal	TEAM1	1.07	183
1392	2021-05-07	00:00	hockey	usa	nhl	Pittsburgh Penguins	Buffalo Sabres	TEAM1	1.44	183

In [20]:

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

Out[20]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1668	00:00	2021-05-07	/hockey/usa/nhl/pittsburgh-penguins-buffalo-sa...	Pittsburgh Penguins	Buffalo Sabres	1.44	5.47	5.69	TEAM1
1669	17:10	2021-05-07	/soccer/austria/2-liga/bw-linz-lafnitz-Auebmtc2/	BW Linz	Lafnitz	1.50	4.19	6.16	TEAM1
1670	20:00	2021-05-07	/soccer/england/premier-league/leicester-newca...	Leicester	Newcastle	1.42	4.88	7.94	TEAM1
1671	17:00	2021-05-07	/soccer/iran/division-1/havadar-sc-chooka-tale...	Havadar SC	Chooka Talesh	1.66	3.13	5.08	TEAM1
1672	13:00	2021-05-07	/soccer/italy/serie-b/brescia-pisa-Es7mY1ss/	Brescia	Pisa	1.54	3.96	6.60	TEAM1
1673	18:00	2021-05-07	/soccer/russia/premier-league/pfc-sochi-r-volg...	Sochi	R. Volgograd	1.43	4.48	7.96	TEAM1
1674	20:00	2021-05-07	/soccer/spain/laliga/real-sociedad-elche-8pQXw...	Real Sociedad	Elche	1.56	3.91	7.24	TEAM1

In [21]:

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

Out[21]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
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In [22]:

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

Out[22]:

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

In [23]:

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

Out[23]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1859	2021-05-07	20:00	soccer	england	premier-league	Leicester	Newcastle	3.75	1.36	100	0.200803
1860	2021-05-07	19:30	soccer	germany	bundesliga	Stuttgart	Augsburg	3.75	1.35	100	0.758160
1861	2021-05-07	16:00	soccer	lithuania	a-lyga	Banga	FK Panevezys	3.75	1.34	100	0.785863
1850	2021-05-07	02:38	baseball	usa	mlb	Los Angeles Angels	Tampa Bay Rays	10.00	1.44	100	0.535149
1851	2021-05-07	00:00	basketball	usa	nba	Charlotte Hornets	Chicago Bulls	223.50	1.58	100	0.368417
1852	2021-05-07	00:30	basketball	usa	nba	Dallas Mavericks	Brooklyn Nets	239.50	1.59	100	0.368580
1853	2021-05-07	00:30	basketball	usa	nba	Toronto Raptors	Washington Wizards	242.00	1.61	100	0.747130
1854	2021-05-07	01:00	basketball	usa	nba	Detroit Pistons	Memphis Grizzlies	226.50	1.61	100	0.397239
1855	2021-05-07	01:00	basketball	usa	nba	Indiana Pacers	Atlanta Hawks	245.00	1.58	100	0.634573
1856	2021-05-07	03:00	basketball	usa	nba	Golden State Warriors	Oklahoma City Thunder	231.00	1.59	100	0.870606
1857	2021-05-07	03:00	basketball	usa	nba	Los Angeles Clippers	Los Angeles Lakers	216.00	1.58	100	0.643926
1858	2021-05-07	00:00	hockey	usa	nhl	Carolina Hurricanes	Chicago Blackhawks	7.00	1.38	100	0.310384

In [24]:

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

Out[24]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
154	2021-05-07	20:00	soccer	england	premier-league	Leicester	Newcastle	-1.25	1.9	100	0.103858

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
155	2021-05-07	00:00	basketball	usa	nba	Charlotte Hornets	Chicago Bulls	4.50	1.9	100	0.319609
156	2021-05-07	00:30	basketball	usa	nba	Dallas Mavericks	Brooklyn Nets	3.50	1.9	100	0.403031
157	2021-05-07	00:30	basketball	usa	nba	Toronto Raptors	Washington Wizards	1.50	1.9	100	0.707350
158	2021-05-07	01:00	basketball	usa	nba	Detroit Pistons	Memphis Grizzlies	9.00	1.9	100	0.709428
159	2021-05-07	01:00	basketball	usa	nba	Indiana Pacers	Atlanta Hawks	6.50	1.9	100	0.364108
160	2021-05-07	03:00	basketball	usa	nba	Golden State Warriors	Oklahoma City Thunder	-14.50	1.9	100	0.482736
161	2021-05-07	03:00	basketball	usa	nba	Los Angeles Clippers	Los Angeles Lakers	-8.50	1.9	100	0.360106
148	2021-05-07	00:00	hockey	usa	nhl	Carolina Hurricanes	Chicago Blackhawks	-1.75	1.9	100	0.602373
149	2021-05-07	00:00	hockey	usa	nhl	Boston Bruins	New York Rangers	-1.25	1.9	100	0.667404
150	2021-05-07	00:00	hockey	usa	nhl	New York Islanders	New Jersey Devils	-1.25	1.9	100	0.713367
151	2021-05-07	00:00	hockey	usa	nhl	Pittsburgh Penguins	Buffalo Sabres	-2.00	1.9	100	0.248273
152	2021-05-07	00:00	hockey	usa	nhl	Toronto Maple Leafs	Montreal Canadiens	-1.25	1.9	100	0.689943
153	2021-05-07	02:00	hockey	usa	nhl	Edmonton Oilers	Vancouver Canucks	-1.50	1.9	100	0.765080

NBA

In [25]:

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

Out[25]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
889	00:00	2021-05-07	/basketball/usa/nba/charlotte-hornets-chicago-...	Charlotte Hornets	Chicago Bulls	2.51	0	1.57	0.588064
890	00:30	2021-05-07	/basketball/usa/nba/dallas-mavericks-brooklyn-...	Dallas Mavericks	Brooklyn Nets	2.35	0	1.64	0.559337
892	01:00	2021-05-07	/basketball/usa/nba/detroit-pistons-memphis-gr...	Detroit Pistons	Memphis Grizzlies	4.59	0	1.22	0.440629
894	03:00	2021-05-07	/basketball/usa/nba/golden-state-warriors-okla...	Golden State Warriors	Oklahoma City Thunder	1.07	0	9.25	0.701697
893	01:00	2021-05-07	/basketball/usa/nba/indiana-pacers-atlanta-haw...	Indiana Pacers	Atlanta Hawks	3.02	0	1.42	0.456517
895	03:00	2021-05-07	/basketball/usa/nba/los-angeles-clippers-los-a...	Los Angeles Clippers	Los Angeles Lakers	1.28	0	3.95	0.631219
891	00:30	2021-05-07	/basketball/usa/nba/toronto-raptors-washington...	Toronto Raptors	Washington Wizards	1.96	0	1.90	0.470361

NBA CLUSTER FALLO

In [26]:

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

Out[26]:

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
292	0:0	2021-05-07	basketball/usa_nba	Los Angeles Clippers	Los Angeles Lakers	1.31	0	3.59	2
293	0:0	2021-05-07	basketball/usa_nba	Detroit Pistons	Memphis Grizzlies	5.11	0	1.18	1

NBA FALLO SIN FILTRO

In [27]:

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

Out[27]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
559	0:0	2021-05-07	basketball/usa_nba	Indiana Pacers	Atlanta Hawks	2.85	0	1.44	1
560	0:0	2021-05-07	basketball/usa_nba	Los Angeles Clippers	Los Angeles Lakers	1.31	0	3.59	2
561	0:0	2021-05-07	basketball/usa_nba	Detroit Pistons	Memphis Grizzlies	5.11	0	1.18	1

MLB FALLO

In [28]:

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

Out[28]:

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

NHL

In [29]:

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

Out[29]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
835	00:00	2021-05-07	/hockey/usa/nhl/boston-bruins-new-york-rangers...	Boston Bruins	New York Rangers	1.64	4.65	4.45	0.591246
834	00:00	2021-05-07	/hockey/usa/nhl/carolina-hurricanes-chicago-bl...	Carolina Hurricanes	Chicago Blackhawks	1.53	5.15	4.91	0.678755
839	02:00	2021-05-07	/hockey/usa/nhl/edmonton-oilers-vancouver-canu...	Edmonton Oilers	Vancouver Canucks	1.63	4.78	4.35	0.661907
836	00:00	2021-05-07	/hockey/usa/nhl/new-york-islanders-new-jersey-...	New York Islanders	New Jersey Devils	1.65	4.63	4.34	0.584629
837	00:00	2021-05-07	/hockey/usa/nhl/pittsburgh-penguins-buffalo-sa...	Pittsburgh Penguins	Buffalo Sabres	1.44	5.47	5.69	0.612011
838	00:00	2021-05-07	/hockey/usa/nhl/toronto-maple-leafs-montreal-c...	Toronto Maple Leafs	Montreal Canadiens	1.71	4.68	3.91	0.545761

MLB

In [30]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_base1")
dp = dsp.daily_prediction(df_prediccion)
```

```
ap.sort_values(by=[ 'hora' ],ascending=True)
```

Out[30]:

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

SOCCER

In [31]:

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

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
281	20:00	2021-05-07	/soccer/england/premier-league/leicester-newca...	Leicester	Newcastle	1.42	4.88	7.94	0.624458
282	19:30	2021-05-07	/soccer/germany/bundesliga/vfb-stuttgart-augsb...	Stuttgart	Augsburg	2.07	3.58	3.64	0.590160

SOCCER CLUSTER FALLO

In [32]:

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

Out[32]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
224	0:0	2021-05-07	soccer/germany_bundesliga	Stuttgart	Augsburg	2.06	3.59	3.67	1

SOCCER EMPATE SECUENCIA

In [33]:

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

Out[33]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
661	17:30	2021-05-07	soccer/germany_2-bundesliga	Holstein Kiel	St. Pauli	2.41	3.55	2.82	7-St. Pauli-0.05
657	14:00	2021-05-07	soccer/israel_leumit-league	Hapoel Jerusalem	Hap. Ramat Gan	1.73	3.47	4.31	3-Hapoel Jerusalem-0.66
660	14:00	2021-05-07	soccer/israel_leumit-league	H. Raanana	MS Kafr Qasim	2.29	3.25	2.82	2-MS Kafr Qasim-0.08
656	13:00	2021-05-07	soccer/italy_serie-b	Frosinone	L.R. Vicenza	2.43	2.75	3.55	3-Frosinone-0.19
659	13:00	2021-05-07	soccer/italy_serie-b	Salernitana	Empoli	1.60	3.90	5.60	2-Empoli-0.11
658	19:00	2021-05-07	soccer/portugal_primeira-liga	Famalicao	Santa Clara	2.24	3.37	3.25	1-Famalicao-0.12

MILAN - más negativo -77

In [34]:

In [34]:

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

Out[34]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
608	18:00	2021-05-07	soccer/denmark_superliga	Odense	Aalborg	2.87	3.53	2.37	FALLO-1-Odense--0.04
606	13:00	2021-05-07	soccer/italy_serie-b	Ascoli	Cittadella	2.77	2.97	2.81	FALLO-4-Ascoli--0.2
607	13:00	2021-05-07	soccer/italy_serie-b	Salernitana	Empoli	1.60	3.90	5.60	FALLO-1-Salernitana--0.38
610	13:00	2021-05-07	soccer/italy_serie-b	Cremonese	Pescara	1.87	3.43	4.34	FAVORITO-2-Pescara--0.26
609	20:00	2021-05-07	soccer/spain_laliga2	Tenerife	Almeria	3.20	2.82	2.58	FAVORITO-1-Tenerife--0.42

CRB - más positivo .49

In [35]:

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

Out[35]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
105	20:00	2021-05-07	soccer/spain_laliga2	Tenerife	Almeria	3.2	2.82	2.58	FALLO-5-Almeria-0.49

LIGA MX

In [36]:

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

Out[36]:

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

NFL

In [37]:

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

Out[37]:

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

HOCKEY

In [38]:

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

Out[38]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
363	16:30	2021-05-07	/hockey/finland/liiga/lukko-rauman-tps-turku-A...	Lukko	TPS Turku	1.63	4.27	4.52	0.574831
364	18:30	2021-05-07	/hockey/germany/del/eisbaren-berlin-grizzly-wo...	Eisbaren Berlin	Grizzly Wolfsburg	1.76	4.34	3.79	0.476529

Daily predictions machin3.

In [39]:

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

Out[39]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
744	18:00	2021-05-07	/soccer/belarus/vyshshaya-liga/fc-gomel-slutsk-...	FC Gomel	Slutsk	1.69	3.60	4.75	TEAM1
743	18:10	2021-05-07	/soccer/croatia/1-hnl/hnk-gorica-osijek-SxDGT84O/	Gorica	Osijek	3.48	3.16	2.11	TEAM2
742	16:30	2021-05-07	/soccer/finland/veikkausliiga/ktp-honka-KI73klsh/	KTP	Honka	5.54	3.73	1.63	TEAM2

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [40]:

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

Out[40]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7644	14:00	2021-05-07	/soccer/ukraine/persha-liga/veres-rivne-krysta...	Veres-Rivne	Krystal	1.07	8.53	17.86	0.843477
7651	11:00	2021-05-07	/soccer/australia/npl-victoria/green-gully-eas...	Green Gully	Eastern Lions	1.69	4.08	4.05	0.646415
7637	20:00	2021-05-07	/soccer/spain/laliga/real-sociedad-elche-8pQXw...	Real Sociedad	Elche	1.56	3.91	7.24	0.625314
7640	20:00	2021-05-07	/soccer/england/premier-league/leicester-newca...	Leicester	Newcastle	1.42	4.88	7.94	0.624458
7648	17:45	2021-05-07	/soccer/ireland/premier-division/derry-city-lo...	Derry City	Longford	1.95	3.35	3.85	0.597875
7638	19:00	2021-05-07	/soccer/portugal/primeira-liga/famalicao-santa...	Famalicao	Santa Clara	2.24	3.37	3.25	0.578084
7643	14:00	2021-05-07	/soccer/ukraine/persha-liga/hirnyk-sport-komso...	Hirnyk-Sport	Alliance	2.22	2.96	3.12	0.510893
7646	14:00	2021-05-07	/soccer/ukraine/persha-liga/mfk-mykolaiv-ch-od...	Mykolaiv	Ch. Odessa	2.42	2.99	2.74	0.497497
7639	21:15	2021-05-07	/soccer/portugal/primeira-liga/boavista-tondel...	Boavista	Tondela	1.71	3.84	4.90	0.486994
7652	11:15	2021-05-07	/soccer/australia/npl-victoria/melbourne-knigh...	Melbourne Knights	South Melbourne	3.06	3.62	2.07	0.486002
7649	19:45	2021-05-07	/soccer/ireland/premier-division/dundalk-sligo...	Dundalk	Sligo Rovers	1.96	3.48	3.72	0.482830
7642	18:00	2021-05-07	/soccer/bulgaria/parva-liga/cska-1948-sofia-cs...	CSKA 1948 Sofia	CSKA Sofia	10.85	5.45	1.23	0.471350

id	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7641	15:30	2021-05-07	/soccer/bulgaria/parva-liga/arda-uslwd339/	Beroe	Arda	2.02	3.17	3.63	0.468316
7647	15:00	2021-05-07	/soccer/ukraine/persha-liga/kramatorsk-volyn-l...	Kramatorsk	Volyn Lutsk	4.06	3.31	1.78	0.449670
7650	16:00	2021-05-07	/soccer/lithuania/a-lyga/banga-fk-panevezys-8Y...	Banga	FK Panevezys	3.97	3.78	1.73	0.405392
7653	11:30	2021-05-07	/soccer/australia/npl-victoria/dandenong-city-...	Dandenong City	Bentleigh Greens	5.77	4.57	1.41	0.404373
7645	14:00	2021-05-07	/soccer/ukraine/persha-liga/prykarpattya-ivano...	Prykarpattya	Ahrobiznes Volochysk	6.83	4.11	1.39	0.360109

EXPERIMENTAL

Daily model 53

In [41]:

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

Out[41]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1632	19:00	2021-05-07	/soccer/iceland/pepsideild/kr-reykjavik-ka-aku...	KR Reykjavik	KA Akureyri	1.77	3.64	4.30	TEAM1
1648	14:00	2021-05-07	/soccer/israel/leumit-league/h-raanana-ms-kafr...	H. Raanana	MS Kafr Qasim	2.29	3.25	2.82	DRAW
1636	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-afula-hapo...	Hapoel Afula	H. Akko	2.02	3.48	3.18	TEAM1
1644	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-jerusalem-...	Hapoel Jerusalem	Hap. Ramat Gan	1.73	3.47	4.31	DRAW
1640	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-umm-al-fah...	Hapoel Umm al-Fahm	Hapoel Petah Tikva	2.97	3.17	2.25	TEAM1
1647	14:00	2021-05-07	/soccer/israel/leumit-league/m-nazareth-hapoel...	M. Nazareth	Hapoel Kfar Shalem	2.05	3.25	3.33	DRAW
1635	14:00	2021-05-07	/soccer/israel/leumit-league/nes-tziona-beitar...	Nes Tziona	Beitar Tel Aviv	1.87	3.57	3.56	TEAM1
1639	14:00	2021-05-07	/soccer/israel/leumit-league/ramat-hasharon-h-...	Ramat Hasharon	H. Ironi Rishon	2.48	3.46	2.47	TEAM1
1652	16:00	2021-05-07	/soccer/lithuania/a-lyga/banga-fk-panevezys-8Y...	Banga	FK Panevezys	3.97	3.78	1.73	TEAM1
1653	19:00	2021-05-07	/soccer/netherlands/eredivisie/sparta-rotterda...	Sparta Rotterdam	Vitesse	3.14	3.63	2.20	TEAM2
1658	15:00	2021-05-07	/soccer/ukraine/persha-liga/kramatorsk-volyn-l...	Kramatorsk	Volyn Lutsk	4.06	3.31	1.78	TEAM2

In [42]:

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

Out[42]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8823	11:15	2021-05-07	/soccer/australia/npl-victoria/melbourne-knigh...	Melbourne Knights	South Melbourne	3.06	3.62	2.07	TEAM2
8829	19:00	2021-05-07	/soccer/france/national/orleans-le-mans-0zsS7xqC/	Orleans	Le Mans	2.63	3.32	2.63	TEAM1
8824	17:30	2021-	/soccer/germany/2-bundesliga/holstein-	Holstein Kiel	St. Pauli	2.41	2.55	2.82	DRAW

id	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8822	18:00	2021-05-07	/soccer/germany/3-liga/turkgucu-munchen-verl-S...	Turkgucu Munchen	Verl	3.47	3.77	1.94	DRAW
8806	19:30	2021-05-07	/soccer/germany/bundesliga/vfb-stuttgart-augsb...	Stuttgart	Augsburg	2.07	3.58	3.64	TEAM1
8793	19:00	2021-05-07	/soccer/iceland/pepsideild/kr-reykjavik-ka-aku...	KR Reykjavik	KA Akureyri	1.77	3.64	4.30	TEAM1
8819	14:00	2021-05-07	/soccer/israel/leumit-league/h-raanana-ms-kafr...	H. Raanana	MS Kafr Qasim	2.29	3.25	2.82	DRAW
8797	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-afula-hapo...	Hapoel Afula	H. Akko	2.02	3.48	3.18	TEAM1
8815	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-jerusalem-...	Hapoel Jerusalem	Hap. Ramat Gan	1.73	3.47	4.31	DRAW
8801	14:00	2021-05-07	/soccer/israel/leumit-league/hapoel-umm-al-fahm...	Hapoel Umm al-Fahm	Hapoel Petah Tikva	2.97	3.17	2.25	TEAM1
8818	14:00	2021-05-07	/soccer/israel/leumit-league/m-nazareth-hapoel...	M. Nazareth	Hapoel Kfar Shalem	2.05	3.25	3.33	DRAW
8796	14:00	2021-05-07	/soccer/israel/leumit-league/nes-tziona-beitar...	Nes Tziona	Beitar Tel Aviv	1.87	3.57	3.56	TEAM1
8800	14:00	2021-05-07	/soccer/israel/leumit-league/ramat-hasharon-h-...	Ramat Hasharon	H. Ironi Rishon	2.48	3.46	2.47	TEAM1
8808	13:00	2021-05-07	/soccer/italy/serie-b/ascoli-cittadella-tlgQG0C6/	Ascoli	Cittadella	2.77	2.97	2.81	TEAM1
8813	13:00	2021-05-07	/soccer/italy/serie-b/cosenza-monza-U9VGwOJJ/	Cosenza	Monza	4.68	3.39	1.83	TEAM1
8810	13:00	2021-05-07	/soccer/italy/serie-b/cremonese-pescara-80UKxrZP/	Cremonese	Pescara	1.87	3.43	4.34	TEAM1
8809	13:00	2021-05-07	/soccer/italy/serie-b/frosinone-vicenza-virtus...	Frosinone	L.R. Vicenza	2.43	2.75	3.55	TEAM1
8827	16:00	2021-05-07	/soccer/lithuania/a-lyga/banga-fk-panevezys-8Y...	Banga	FK Panevezys	3.97	3.78	1.73	TEAM1
8828	19:00	2021-05-07	/soccer/netherlands/eredivisie/sparta-rotterda...	Sparta Rotterdam	Vitesse	3.14	3.63	2.20	TEAM2
8836	15:00	2021-05-07	/soccer/ukraine/persha-liga/kramatorsk-volyn-l...	Kramatorsk	Volyn Lutsk	4.06	3.31	1.78	TEAM2

Daily predictions machin4 EMPATE

In [43]:

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

Out[43]:

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

In [44]:

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

Out[44]:

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

In []:

