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

Daily selection

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

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
81	09:00	19/05/2021	soccer/serbia_super-liga	FK Crvena zvezda	Metalac	1.07	9.25	18.00	2-FK Crvena zvezda--0.01
84	11:30	19/05/2021	soccer/serbia_super-liga	Sp. Subotica	Rad Beograd	11.38	6.39	1.20	1-Rad Beograd--1.53
82	12:00	19/05/2021	soccer/lithuania_a-lyga	FK Panevezys	Dainava Alytus	1.34	4.73	7.29	1-FK Panevezys--0.62
83	13:00	19/05/2021	soccer/iceland_urvalsdeild-women	Breidablik W	Tindastoll W	1.03	18.00	23.25	1-Breidablik W--1.12
85	13:00	19/05/2021	soccer/iceland_urvalsdeild-women	IBV Vestmannaeyjar W	Valur W	21.50	12.67	1.04	1-Valur W--2.47

```python
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)
```

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

```python
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)
```

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
34	18/05/2021	18:20	baseball	usa	mlb	Atlanta Braves	New York Mets	8.5	1.9	100	UNDER
38	18/05/2021	18:37	baseball	usa	mlb	Toronto Blue Jays	Boston Red Sox	9.0	1.9	100	OVER
36	18/05/2021	19:10	baseball	usa	mlb	Kansas City Royals	Milwaukee Brewers	7.5	1.9	100	OVER

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
35	18/05/2021	21:10	baseball	usa	mlb	Seattle Mariners	Detroit Tigers	8.0	1.9	100	UNDER

In [5]:

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

Out[5]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

In [6]:

```python
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
90	19/05/2021	09:00	soccer	bulgaria	parva-liga	Lok. Plovdiv	CSKA 1948 Sofia	2.50	1.9	100	UNDER
89	19/05/2021	11:30	soccer	serbia	super-liga	Radnicki Nis	Backa	3.50	1.9	100	OVER
87	19/05/2021	12:00	soccer	england	premier-league	Newcastle	Sheffield Utd	2.75	1.9	100	OVER
88	19/05/2021	14:15	soccer	england	premier-league	Burnley	Liverpool	3.50	1.9	100	OVER

In [7]:

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

Out[7]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
82	18/05/2021	18:30	hockey	usa	nhl	Pittsburgh Penguins	New York Islanders	0.25	1.9	100	New York Islanders
83	19/05/2021	12:00	soccer	england	premier-league	Newcastle	Sheffield Utd	-0.75	1.9	100	Newcastle

In [8]:

```python
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_empate_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

In [9]:

```python
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_model2_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correcion_horario(df)
```

Out[9]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
20	19/05/2021	10:30	soccer	romania	liga-1	Din. Bucuresti	Chindia Targoviste	TEAM1	1.72	100	TEAM1
22	19/05/2021	11:00	soccer	denmark	superliga	Aalborg	Vejle	TEAM1	1.94	100	TEAM1

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

Out[10]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
20	19/05/2021	10:30	soccer	romania	liga-1	FC Hermannstadt	FC Arges	TEAM1	2.43	100	TEAM1

In [ ]:

In [11]:

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

Out[11]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Ratin
3497	06:30	19/05/2021	soccer@armenia	premier-league	Ararat-Armenia	Ararat Yerevan	2.25	3.02	3.09	TEAM1	58.14567
3498	06:30	19/05/2021	soccer@armenia	premier-league	Van	Alashkert	4.32	3.35	1.76	TEAM1	184.20915
3538	08:00	19/05/2021	soccer@tanzania	ligi-kuu-bara	JKT Tanzania	Young Africans	4.42	2.64	2.02	TEAM1	5.65212
3535	10:00	19/05/2021	soccer@lithuania	a-lyga	Riteriai	Hegelmann Litauen	2.34	2.92	3.08	TEAM1	102.89357
3482	10:30	19/05/2021	soccer@romania	liga-1	Din. Bucuresti	Chindia Targoviste	1.72	3.57	4.80	TEAM2	91.29574
3483	10:30	19/05/2021	soccer@romania	liga-1	FC Voluntari	UTA Arad	2.65	3.16	2.66	TEAM2	-37.41525
3485	10:30	19/05/2021	soccer@romania	liga-1	Viitorul Constanta	Astra	2.64	3.26	2.61	TEAM2	270.60404
3492	10:30	19/05/2021	soccer@romania	liga-1	FC Hermannstadt	FC Arges	2.43	3.02	3.06	TEAM1	-25.04961
3514	10:30	19/05/2021	soccer@romania	liga-1	FC Voluntari	UTA Arad	2.65	3.16	2.66	DRAW	-37.41525
3515	13:30	19/05/2021	soccer@romania	liga-1	FCSB	Univ. Craiova	2.35	3.12	3.12	DRAW	186.01057

In [ ]:

In [12]:

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

Out[12]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rat
3479	06:00	19/05/2021	soccer@tanzania	ligi-kuu-bara	Gwambina	Namungo	2.74	2.68	2.73	DRAW	238.154

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Ra
3523	08:00	19/05/2021	soccer@slovenia	prva-liga	Mura	Domzale	2.28	3.33	2.90	TEAM2	7.573
3535	10:00	19/05/2021	soccer@lithuania	a-lyga	Riteriai	Hegelmann Litauen	2.34	2.92	3.08	TEAM1	102.893
3524	10:15	19/05/2021	soccer@slovenia	prva-liga	Koper	Maribor	3.95	3.53	1.83	TEAM2	208.785
3548	10:30	19/05/2021	soccer@belarus	vysshaya-liga	Isloch	Vitebsk	2.63	3.14	2.62	TEAM1	177.370
3482	10:30	19/05/2021	soccer@romania	liga-1	Din. Bucuresti	Chindia Targoviste	1.72	3.57	4.80	TEAM2	91.295
3483	10:30	19/05/2021	soccer@romania	liga-1	FC Voluntari	UTA Arad	2.65	3.16	2.66	TEAM2	-37.415
3485	10:30	19/05/2021	soccer@romania	liga-1	Viitorul Constanta	Astra	2.64	3.26	2.61	TEAM2	270.604
3492	10:30	19/05/2021	soccer@romania	liga-1	FC Hermannstadt	FC Arges	2.43	3.02	3.06	TEAM1	-25.049
3514	10:30	19/05/2021	soccer@romania	liga-1	FC Voluntari	UTA Arad	2.65	3.16	2.66	DRAW	-37.415
3503	12:00	19/05/2021	soccer@england	league-one	Lincoln	Sunderland	2.90	3.04	2.60	TEAM1	118.191
3502	13:00	19/05/2021	soccer@denmark	superliga	FC Copenhagen	Midtjylland	2.42	3.70	2.69	TEAM2	162.461
3515	13:30	19/05/2021	soccer@romania	liga-1	FCSB	Univ. Craiova	2.35	3.12	3.12	DRAW	186.010
3517	15:00	19/05/2021	soccer@mexico	liga-mx	Santos Laguna	Puebla	1.74	3.47	4.82	TEAM1	-43.518

In [13]:

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

Out[13]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
834	19/05/2021	11:45	soccer	netherlands	eredivisie	Utrecht	Groningen	X1	1.68	292.0
833	19/05/2021	12:00	soccer	england	premier-league	Tottenham	Aston Villa	X1	1.53	100.0
832	19/05/2021	13:30	soccer	romania	liga-1	FCSB	Univ. Craiova	X2	3.12	100.0

NHL CLUSTER FALLO

In [14]:

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

Out[14]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
458	0:0	2021-05-19	hockey/usa_nhl	Florida Panthers	Tampa Bay Lightning	2.55	4.22	2.37	1
459	0:0	2021-05-19	hockey/usa_nhl	Calgary Flames	Vancouver Canucks	2.04	4.33	3.06	2
460	0:0	2021-05-19	hockey/usa_nhl	Boston Bruins	Washington Capitals	2.00	4.14	3.18	2

In [15]:

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

Out[15]:

	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
61	0:0	2021-05-19	hockey/usa_nhl	Florida Panthers	Tampa Bay Lightning	2.55	4.22	2.37	2
62	0:0	2021-05-19	hockey/usa_nhl	Calgary Flames	Vancouver Canucks	2.04	4.33	3.06	2
63	0:0	2021-05-19	hockey/usa_nhl	Boston Bruins	Washington Capitals	2.00	4.14	3.18	2

TAN!! SPECIAL SELECTION

In [16]:

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

Out[16]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2393	09:00	19/05/2021	/soccer/bulgaria/parva-liga/lok-plovdiv-cska-1...	Lok. Plovdiv	CSKA 1948 Sofia	1.23	5.55	11.30	TEAM1
2394	09:00	19/05/2021	/soccer/serbia/super-liga/crvena-zvezda-metala...	FK Crvena zvezda	Metalac	1.07	9.25	18.00	TEAM1
2395	11:30	19/05/2021	/soccer/serbia/super-liga/radnicki-nis-backa-t...	Radnicki Nis	Backa	1.08	10.09	20.47	TEAM1
2392	12:00	19/05/2021	/soccer/england/premier-league/tottenham-aston...	Tottenham	Aston Villa	1.53	4.72	5.94	TEAM1
2396	12:00	19/05/2021	/soccer/lithuania/a-lyga/fk-panevezys-dainava-...	FK Panevezys	Dainava Alytus	1.34	4.73	7.29	TEAM1
2390	12:00	19/05/2021	/soccer/portugal/primeira-liga/fc-porto-belene...	FC Porto	Belenenses	1.26	6.06	11.64	TEAM1
2391	15:45	19/05/2021	/soccer/portugal/primeira-liga/sporting-mariti...	Sporting	Maritimo	1.33	5.04	10.04	TEAM1

In [17]:

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

Out[17]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Gana Favorito en ODDs finales.

In [18]:

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

Out[18]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
234	02:00	2021-05-19	/basketball/usa/nba/boston-celtics-washington-...	Boston Celtics	Washington Wizards	1.76	0.0	2.13	0.462387

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

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

Out[19]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
42	17:30	2021-05-19	/soccer/serbia/super-liga/proleter-novi-sad-vo...	Proleter	Vojvodina	4.01	3.46	1.84	0.473606

Premium

In [20]:

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

Out[20]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1607	2021-05-19	18:00	soccer	england	premier-league	Tottenham	Aston Villa	TEAM1	1.000000	1.53	100
1606	2021-05-19	19:30	soccer	romania	liga-1	FCSB	Univ. Craiova	X2	1.000000	3.12	100
1608	2021-05-19	00:05	baseball	usa	mlb	Baltimore Orioles	Tampa Bay Rays	UNDER	0.573921	1.90	100
1609	2021-05-19	00:37	baseball	usa	mlb	Toronto Blue Jays	Boston Red Sox	UNDER	0.590628	1.90	100
1610	2021-05-19	00:45	baseball	usa	mlb	St.Louis Cardinals	Pittsburgh Pirates	UNDER	0.599700	1.90	100
1611	2021-05-19	03:10	baseball	usa	mlb	Los Angeles Dodgers	Arizona Diamondbacks	UNDER	0.529354	1.90	100

Criterio

In [21]:

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

Out[21]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1449	2021-05-19	20:00	soccer	belgium	jupiler-league	Gent	St. Liege	TEAM1	1.51	198
1450	2021-05-19	18:00	soccer	england	premier-league	Tottenham	Aston Villa	TEAM1	1.53	212
1451	2021-05-19	15:00	soccer	kazakhstan	premier-league	Tobol	Kyzylzhar	TEAM1	1.47	166
1453	2021-05-19	18:00	soccer	lithuania	a-lyga	FK Panevezys	Dainava Alytus	TEAM1	1.34	132
1452	2021-05-19	17:45	soccer	netherlands	eredivisie	Utrecht	Groningen	TEAM1	1.68	292

In [22]:

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

Out[22]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1775	20:00	2021-05-19	/soccer/belgium/jupiler-league/gent-st-liege-p...	Gent	St. Liege	1.51	4.45	5.91	TEAM1
1776	18:00	2021-05-19	/soccer/england/premier-league/tottenham-aston...	Tottenham	Aston Villa	1.53	4.72	5.94	TEAM1
1777	15:00	2021-05-19	/soccer/kazakhstan/premier-league/tobol-kyzylz...	Tobol	Kyzylzhar	1.47	3.79	6.81	TEAM1
1778	17:45	2021-05-19	/soccer/netherlands/eredivisie/utrecht-groning...	Utrecht	Groningen	1.68	3.80	5.13	TEAM1

In [23]:

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

Out[23]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

In [24]:

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

Out[24]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

OVER UNDER

In [25]:

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

Out[25]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2120	2021-05-19	15:00	soccer	bulgaria	parva-liga	Lok. Plovdiv	CSKA 1948 Sofia	3.50	1.32	100	0.051218
2123	2021-05-19	18:00	soccer	england	premier-league	Newcastle	Sheffield Utd	3.75	1.34	100	0.750964
2124	2021-05-19	19:00	soccer	england	premier-league	Crystal Palace	Arsenal	3.75	1.30	100	0.900652
2125	2021-05-19	20:15	soccer	england	premier-league	Burnley	Liverpool	4.50	1.41	100	0.353183
2133	2021-05-19	18:00	soccer	lithuania	a-lyga	FK Panevezys	Dainava Alytus	4.00	1.29	100	0.141863
2122	2021-05-19	21:00	soccer	mexico	liga-mx	Santos Laguna	Puebla	3.25	1.29	100	0.807260
2130	2021-05-19	17:00	soccer	norway	obos-ligaen	Start	Jerv	4.00	1.29	100	0.348226
2126	2021-05-19	18:00	soccer	portugal	primeira-liga	FC Porto	Belenenses	4.00	1.34	100	0.157680
2127	2021-05-19	20:00	soccer	portugal	primeira-liga	Moreirense	Famalicao	3.50	1.33	100	0.479943
2128	2021-05-19	20:00	soccer	portugal	primeira-liga	Gil Vicente	Boavista	3.50	1.33	100	0.358637
2129	2021-05-19	20:00	soccer	portugal	primeira-liga	Nacional	Rio Ave	3.50	1.32	100	0.722361
2131	2021-05-19	17:30	soccer	serbia	super-liga	Sp. Subotica	Rad Beograd	3.75	1.33	100	0.653125

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2132	2021-05-19	17:30	soccer	serbia	super-liga	Radnicki Nis	Backa	4.50	1.35	100	0.827136
2105	2021-05-19	00:05	baseball	usa	mlb	Philadelphia Phillies	Miami Marlins	9.50	1.45	100	0.244723
2106	2021-05-19	00:05	baseball	usa	mlb	Baltimore Orioles	Tampa Bay Rays	11.00	1.40	100	0.573921
2107	2021-05-19	00:20	baseball	usa	mlb	Atlanta Braves	New York Mets	10.50	1.45	100	0.672581
2108	2021-05-19	00:37	baseball	usa	mlb	Toronto Blue Jays	Boston Red Sox	11.00	1.44	100	0.590628
2109	2021-05-19	00:40	baseball	usa	mlb	Chicago Cubs	Washington Nationals	10.50	1.45	100	0.484140
2110	2021-05-19	00:40	baseball	usa	mlb	Minnesota Twins	Chicago White Sox	10.50	1.44	100	0.818903
2111	2021-05-19	00:45	baseball	usa	mlb	St.Louis Cardinals	Pittsburgh Pirates	9.50	1.44	100	0.599700
2112	2021-05-19	01:05	baseball	usa	mlb	Texas Rangers	New York Yankees	10.50	1.45	100	0.402749
2118	2021-05-19	01:10	baseball	usa	mlb	Kansas City Royals	Milwaukee Brewers	9.50	1.43	100	0.767220
2113	2021-05-19	02:38	baseball	usa	mlb	Los Angeles Angels	Cleveland Indians	9.50	1.42	100	0.424743
2114	2021-05-19	02:40	baseball	usa	mlb	Oakland Athletics	Houston Astros	10.00	1.42	100	0.861059
2115	2021-05-19	03:10	baseball	usa	mlb	Los Angeles Dodgers	Arizona Diamondbacks	9.50	1.40	100	0.529354
2116	2021-05-19	03:10	baseball	usa	mlb	Seattle Mariners	Detroit Tigers	10.00	1.39	100	0.827464
2117	2021-05-19	03:10	baseball	usa	mlb	San Diego Padres	Colorado Rockies	9.00	1.36	100	0.627998
2119	2021-05-19	02:00	basketball	usa	nba	Boston Celtics	Washington Wizards	237.50	1.59	100	0.529072

In [26]:

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

Out[26]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
349	2021-05-19	18:00	soccer	england	premier-league	Newcastle	Sheffield Utd	-0.75	1.9	100	0.071163
350	2021-05-19	19:00	soccer	england	premier-league	Crystal Palace	Arsenal	1.00	1.9	100	0.883356
352	2021-05-19	00:20	baseball	usa	mlb	Atlanta Braves	New York Mets	-1.00	1.9	100	0.630672
353	2021-05-19	00:40	baseball	usa	mlb	Minnesota Twins	Chicago White Sox	1.00	1.9	100	0.316360
354	2021-05-19	03:10	baseball	usa	mlb	Los Angeles Dodgers	Arizona Diamondbacks	-1.50	1.9	100	0.293335
355	2021-05-19	03:10	baseball	usa	mlb	San Diego Padres	Colorado Rockies	-1.50	1.9	100	0.424297
351	2021-05-19	02:00	basketball	usa	nba	Boston Celtics	Washington Wizards	-2.00	1.9	100	0.635799
347	2021-05-19	00:30	hockey	usa	nhl	Pittsburgh Penguins	New York Islanders	-0.25	1.9	100	0.697487
348	2021-05-19	03:00	hockey	usa	nhl	Vegas Golden Knights	Minnesota Wild	-0.50	1.9	100	0.463351

NBA

In [27]:

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

Out[27]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
977	02:00	2021-05-19	/basketball/usa/nba/boston-celtics-washington-...	Boston Celtics	Washington Wizards	1.76	0	2.13	0.462387

NBA CLUSTER FALLO

In [28]:

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

Out[28]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

NBA FALLO SIN FILTRO

In [29]:

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

Out[29]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

MLB FALLO

In [30]:

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

Out[30]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

NHL

In [31]:

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

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
897	23:30	2021-05-19	/hockey/usa/nhl/boston-bruins-washington-capit...	Boston Bruins	Washington Capitals	1.97	4.16	3.23	0.466724
896	20:30	2021-05-19	/hockey/usa/nhl/calgary-flames-vancouver-canuc...	Calgary Flames	Vancouver Canucks	2.03	4.34	3.10	0.582765
894	01:00	2021-05-19	/hockey/usa/nhl/florida-panthers-tampa-bay-lig...	Florida Panthers	Tampa Bay Lightning	2.57	4.24	2.34	0.585917

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
			tampa-bay-ligh...	Panthers	Lightning				
893	00:30	2021-05-19	/hockey/usa/nhl/pittsburgh-penguins-new-york-i...	Pittsburgh Penguins	New York Islanders	2.16	4.08	2.87	0.577958
895	03:00	2021-05-19	/hockey/usa/nhl/vegas-golden-knights-minnesota...	Vegas Golden Knights	Minnesota Wild	1.95	4.23	3.28	0.547533

MLB

In [32]:

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

Out[32]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER

In [33]:

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

Out[33]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
331	20:15	2021-05-19	/soccer/england/premier-league/burnley-liverpo...	Burnley	Liverpool	11.27	6.80	1.25	0.407854
330	19:00	2021-05-19	/soccer/england/premier-league/crystal-palace-...	Crystal Palace	Arsenal	5.90	4.40	1.56	0.435041
327	18:00	2021-05-19	/soccer/england/premier-league/everton-wolves-...	Everton	Wolves	1.90	3.65	4.28	0.557490
328	18:00	2021-05-19	/soccer/england/premier-league/newcastle-utd-s...	Newcastle	Sheffield Utd	1.76	3.87	4.82	0.625533
329	18:00	2021-05-19	/soccer/england/premier-league/tottenham-aston...	Tottenham	Aston Villa	1.53	4.72	5.94	0.614341
332	20:15	2021-05-19	/soccer/england/premier-league/west-brom-west-...	West Brom	West Ham	5.31	4.33	1.62	0.441970

SOCCER CLUSTER FALLO

In [34]:

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

Out[34]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
254	0:0	2021-05-19	soccer/england_premier-league	Everton	Wolves	1.90	3.64	4.27	2
255	0:0	2021-05-19	soccer/england_premier-league	Newcastle	Sheffield Utd	1.75	3.90	4.83	2
256	0:0	2021-05-19	soccer/england_premier-league	West Brom	West Ham	5.31	4.32	1.62	1

SOCCER EMPATE SECUENCIA

In [35]:

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

Out[35]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
736	16:30	2021-05-19	soccer/armenia_premier-league	Urartu	Noah	3.64	3.04	2.02	2-Urartu-0.06
742	18:00	2021-05-19	soccer/england_premier-league	Everton	Wolves	1.90	3.65	4.28	2-Wolves-0.02
739	19:00	2021-05-19	soccer/montenegro_prva-crnogorska-liga	FK Podgorica	Sutjeska	2.64	2.99	2.58	14-FK Podgorica-0.02
740	20:00	2021-05-19	soccer/portugal_primeira-liga	Moreirense	Famalicao	3.36	3.47	2.15	2-Moreirense-0.08
743	20:00	2021-05-19	soccer/portugal_primeira-liga	Moreirense	Famalicao	3.36	3.47	2.15	4-Famalicao-0.12
737	16:30	2021-05-19	soccer/romania_liga-1	FC Hermannstadt	FC Arges	2.43	3.02	3.06	2-FC Hermannstadt-0.13
738	18:00	2021-05-19	soccer/spain_laliga2	Alcorcon	Sabadell	2.12	2.99	3.97	1-Alcorcon-0.12
741	17:30	2021-05-19	soccer/sweden_superettan	Helsingborg	Norrby	1.69	3.62	4.61	2-Norrby-0.12
735	15:45	2021-05-19	soccer/uzbekistan_super-league	Qizilqum	Pakhtakor	6.51	4.02	1.45	1-Qizilqum-0.2

MILAN - más negativo -77

In [36]:

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

Out[36]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

CRB - más positivo .49

In [37]:

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

Out[37]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

LIGA MX

In [38]:

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

Out[38]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
215	2021-05-19	21:00	soccer	mexico	liga-mx	Santos Laguna	Puebla	TEAM1	0.52356	1.74	100

NFL

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

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio

HOCKEY

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin3.

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

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

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8067	16:00	2021-05-19	/soccer/lithuania/a-lyga/riteriai-hegelmann-li...	Riteriai	Hegelmann Litauen	2.34	2.92	3.08	0.784702
8056	17:00	2021-05-19	/soccer/norway/obos-ligaen/start-jerv-nuXzhz48/	Start	Jerv	1.60	4.08	5.00	0.723226
8061	15:00	2021-05-19	/soccer/serbia/super-liga/crvena-zvezda-metala...	FK Crvena zvezda	Metalac	1.07	9.25	18.00	0.712660
8048	21:45	2021-05-19	/soccer/portugal/primeira-liga/sporting-mariti...	Sporting	Maritimo	1.33	5.04	10.04	0.701115
8066	17:30	2021-05-19	/soccer/serbia/super-liga/radnicki-nis-backa-t...	Radnicki Nis	Backa	1.08	10.09	20.47	0.689320
8041	18:00	2021-05-19	/soccer/portugal/primeira-liga/fc-porto-belene...	FC Porto	Belenenses	1.26	6.06	11.64	0.688665
		2021-	/soccer/bulgaria/parva-liga/lok-plovdiv-...	CSKA 1948					

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8055	15:00	2021-05-19	/soccer/bulgaria/parva-liga/lok-plovdiv-...	Lok. Plovdiv	CSKA 1948	1.23	5.55	11.30	0.648371
8069	18:00	2021-05-19	/soccer/lithuania/a-lyga/fk-panevezys-dainava-...	FK Panevezys	Dainava Alytus	1.34	4.73	7.29	0.639267
8050	18:00	2021-05-19	/soccer/england/premier-league/newcastle-utd-s...	Newcastle	Sheffield Utd	1.76	3.87	4.82	0.625533
8040	19:00	2021-05-19	/soccer/norway/eliteserien/stabaek-odds-bk-EsJ...	Stabaek	Odd	2.49	3.26	2.88	0.618287
8051	18:00	2021-05-19	/soccer/england/premier-league/tottenham-aston...	Tottenham	Aston Villa	1.53	4.72	5.94	0.614341
8044	20:00	2021-05-19	/soccer/portugal/primeira-liga/gil-vicente-boa...	Gil Vicente	Boavista	3.73	3.51	2.00	0.583984
8046	20:00	2021-05-19	/soccer/portugal/primeira-liga/santa-clara-sc-...	Santa Clara	SC Farense	2.19	3.41	3.33	0.572978
8063	17:30	2021-05-19	/soccer/serbia/super-liga/fk-vozdovac-javor-OQ...	FK Vozdovac	Javor	1.68	3.57	4.88	0.570526
8049	18:00	2021-05-19	/soccer/england/premier-league/everton-wolves-...	Everton	Wolves	1.90	3.65	4.28	0.557490
8068	17:00	2021-05-19	/soccer/lithuania/a-lyga/nevezis-kedainiai-dzi...	Nevezis Kedainiai	Dziugas Telsiai	4.56	4.04	1.59	0.525719
8047	20:00	2021-05-19	/soccer/portugal/primeira-liga/nacional-rio-av...	Nacional	Rio Ave	5.67	3.98	1.60	0.487881
8064	17:30	2021-05-19	/soccer/serbia/super-liga/proleter-novi-sad-vo...	Proleter	Vojvodina	4.01	3.46	1.84	0.473606
8057	17:00	2021-05-19	/soccer/norway/obos-ligaen/kfum-oslo-ham-kam-r...	KFUM Oslo	Ham-Kam	2.75	3.46	2.38	0.469982
8062	17:30	2021-05-19	/soccer/serbia/super-liga/novi-pazar-napredak-...	Novi Pazar	Napredak	1.24	5.76	10.70	0.467791
8042	20:00	2021-05-19	/soccer/portugal/primeira-liga/moreirense-fama...	Moreirense	Famalicao	3.36	3.47	2.15	0.467244
8060	17:00	2021-05-19	/soccer/norway/obos-ligaen/stjordals-blink-sog...	Stjordals Blink	Sogndal	4.25	4.15	1.68	0.466166
8065	17:30	2021-05-19	/soccer/serbia/super-liga/spartak-subotica-rad...	Sp. Subotica	Rad Beograd	11.38	6.39	1.20	0.454932
8059	17:00	2021-05-19	/soccer/norway/obos-ligaen/bryne-ranheim-jXDDW...	Bryne	Ranheim	3.29	3.67	2.03	0.445372
8054	20:15	2021-05-19	/soccer/england/premier-league/west-brom-west-...	West Brom	West Ham	5.31	4.33	1.62	0.441970
8052	19:00	2021-05-19	/soccer/england/premier-league/crystal-palace-...	Crystal Palace	Arsenal	5.90	4.40	1.56	0.435041
8045	20:00	2021-05-19	/soccer/portugal/primeira-liga/portimonense-br...	Portimonense	Braga	2.74	3.05	2.78	0.414240
8053	20:15	2021-05-19	/soccer/england/premier-league/burnley-liverpo...	Burnley	Liverpool	11.27	6.80	1.25	0.407854
8058	17:00	2021-05-19	/soccer/norway/obos-ligaen/raufoss-aalesund-xU...	Raufoss	Aalesund	3.26	3.83	1.98	0.356072
8043	20:00	2021-05-19	/soccer/portugal/primeira-liga/vitoria-guimara...	Vitoria Guimaraes	Benfica	2.93	3.53	2.35	0.315915

EXPERIMENTAL

Daily model 53

In [43]:

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

Out[43]:

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
1873	16:00	2021-05-19	/soccer/lithuania/a-lyga/riteriai-hegelmann-li...	Riteriai	Hegelmann Litauen	2.34	2.92	3.08	TEAM1
1856	16:30	2021-05-19	/soccer/romania/liga-1/din-bucuresti-chindia-t...	Din. Bucuresti	Chindia Targoviste	1.72	3.57	4.80	TEAM2
1860	16:30	2021-05-19	/soccer/romania/liga-1/fc-hermannstadt-campion...	FC Hermannstadt	FC Arges	2.43	3.02	3.06	TEAM1
1871	19:30	2021-05-19	/soccer/romania/liga-1/fcsb-cs-u-craiova-GAcMi...	FCSB	Univ. Craiova	2.35	3.12	3.12	DRAW
1859	16:30	2021-05-19	/soccer/romania/liga-1/viitorul-constanta-fc-a...	Viitorul Constanta	Astra	2.64	3.26	2.61	TEAM2
1857	16:30	2021-05-19	/soccer/romania/liga-2/voluntari-fc-uta-arad-M...	FC Voluntari	UTA Arad	2.65	3.16	2.66	TEAM2
1870	16:30	2021-05-19	/soccer/romania/liga-2/voluntari-fc-uta-arad-M...	FC Voluntari	UTA Arad	2.65	3.16	2.66	DRAW
1875	14:00	2021-05-19	/soccer/tanzania/ligi-kuu-bara/jkt-tanzania-yo...	JKT Tanzania	Young Africans	4.42	2.64	2.02	TEAM1

In [44]:

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

Out[44]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
9396	12:30	2021-05-19	/soccer/armenia/premier-league/ararat-armenia-...	Ararat-Armenia	Ararat Yerevan	2.25	3.02	3.09	TEAM1
9397	12:30	2021-05-19	/soccer/armenia/premier-league/van-alashkert-4...	Van	Alashkert	4.32	3.35	1.76	TEAM1
9399	18:00	2021-05-19	/soccer/england/league-one/lincoln-city-sunder...	Lincoln	Sunderland	2.90	3.04	2.60	TEAM1
9417	17:50	2021-05-19	/soccer/israel/ligat-ha-al/beitar-jerusalem-ha...	Beitar Jerusalem	Hapoel Hadera	2.22	3.10	3.23	TEAM2
9412	16:00	2021-05-19	/soccer/lithuania/a-lyga/riteriai-hegelmann-li...	Riteriai	Hegelmann Litauen	2.34	2.92	3.08	TEAM1
9411	19:00	2021-05-19	/soccer/montenegro/prva-crnogorska-liga/fk-pod...	FK Podgorica	Sutjeska	2.64	2.99	2.58	TEAM2
9383	16:30	2021-05-19	/soccer/romania/liga-1/din-bucuresti-chindia-t...	Din. Bucuresti	Chindia Targoviste	1.72	3.57	4.80	TEAM2
9391	16:30	2021-05-19	/soccer/romania/liga-1/fc-hermannstadt-campion...	FC Hermannstadt	FC Arges	2.43	3.02	3.06	TEAM1
9406	19:30	2021-05-19	/soccer/romania/liga-1/fcsb-cs-u-craiova-GAcMi...	FCSB	Univ. Craiova	2.35	3.12	3.12	DRAW
9386	16:30	2021-05-19	/soccer/romania/liga-1/viitorul-constanta-fc-a...	Viitorul Constanta	Astra	2.64	3.26	2.61	TEAM2
9384	16:30	2021-05-19	/soccer/romania/liga-1/voluntari-fc-uta-arad-M...	FC Voluntari	UTA Arad	2.65	3.16	2.66	TEAM2
9405	16:30	2021-05-19	/soccer/romania/liga-1/voluntari-fc-uta-arad-M...	FC Voluntari	UTA Arad	2.65	3.16	2.66	DRAW
9388	17:30	2021-05-19	/soccer/serbia/super-liga/proleter-novi-sad-vo...	Proleter	Vojvodina	4.01	3.46	1.84	TEAM2
9415	14:00	2021-05-19	/soccer/tanzania/ligi-kuu-bara/jkt-tanzania-yo...	JKT Tanzania	Young Africans	4.42	2.64	2.02	TEAM1

Daily predictions machin4 EMPATE

In [45]:

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

Out[45]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin5

In [46]:

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

Out[46]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In [ ]: