

In [1]:

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

Daily selection

In [2]:

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

Out[2]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
29	03:00	21/04/2021	soccer/taiwan_premier-league	Hang Yuen	NTUS	1.23	5.89	8.84	1-Hang Yuen--0.12
31	09:15	21/04/2021	soccer/greece_super-league	Olympiacos Piraeus	Asteras Tripolis	1.21	6.29	12.99	6-Olympiacos Piraeus--4.97
30	14:15	21/04/2021	soccer/england_premier-league	Aston Villa	Manchester City	8.90	4.94	1.39	1-Manchester City--0.5

In [3]:

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

Out[3]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
40	20/04/2021	21:00	basketball	usa	nba	Portland Trail Blazers	Los Angeles Clippers	224.0	1.57	100	OVER
41	20/04/2021	21:00	basketball	usa	nba	Sacramento Kings	Minnesota Timberwolves	239.0	1.57	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.correcion_horario(df)
```

Out[4]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1	20/04/2021	19:40	baseball	usa	mlb	Colorado Rockies	Houston Astros	10.5	1.48	100	OVER

In [5]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_hockey")
```

```
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
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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
21	21/04/2021	11:30	soccer	austria	tipico-bundesliga	Tirol	Salzburg	3.75	1.40	100	OVER
19	21/04/2021	13:00	soccer	spain	laliga	Betis	Ath Bilbao	2.25	1.31	100	UNDER
17	21/04/2021	13:30	soccer	germany	bundesliga	Hoffenheim	B. Monchengladbach	3.00	1.30	100	OVER
18	21/04/2021	13:45	soccer	italy	serie-a	Juventus	Parma	3.25	1.36	100	OVER
22	21/04/2021	14:15	soccer	england	premier-league	Aston Villa	Manchester City	2.75	1.35	100	OVER
20	21/04/2021	15:15	soccer	portugal	primeira-liga	Sporting	Belenenses	2.25	1.30	100	UNDER

In [7]:

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

Out[7]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	a
904	21:00	20/04/2021	soccer@costa-rica	primera-division	Cartagines	Sporting San Jose	1.71	3.54	4.76	TEAM1	231.744188	
934	08:00	21/04/2021	soccer@bulgaria	parva-liga	Beroe	Tsarsko Selo	1.74	3.13	5.53	TEAM2	157.406925	-
970	08:00	21/04/2021	soccer@czech-republic	1-liga	Pribram	Bohemians 1905	3.25	3.01	2.36	TEAM2	329.508712	-
935	12:30	21/04/2021	soccer@bulgaria	parva-liga	Lok. Plovdiv	Levski Sofia	1.84	3.31	4.30	TEAM2	78.477749	
905	17:00	21/04/2021	soccer@costa-rica	primera-division	Guadalupe	Zeledon	2.24	3.05	3.30	TEAM1	-60.798322	

In [8]:

```
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[8]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	a
991	05:00	21/04/2021	soccer@south-korea	k-league-1	Ulsan Hyundai	Jeonbuk	2.57	3.26	2.74	DRAW	249.07	
989	05:30	21/04/2021	soccer@south-korea	k-league-1	Daegu	Suwon Bluewings	2.49	3.15	2.94	TEAM1	44.68	
992	05:30	21/04/2021	soccer@south-korea	k-league-1	Seongnam	Incheon	1.98	3.22	4.08	DRAW	265.46	
939	08:00	21/04/2021	soccer@turkey	super-lig	Erzurum BB	Yeni Malatyaspor	2.32	3.46	3.01	TEAM2	-89.88	

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Ra
940	08:00	21/04/2021	soccer@turkey	super-lig	Ankaragucu	Denizlispor	1.77	3.72	4.54	TEAM2	389.97
907	08:00	21/04/2021	soccer@czech-republic	1-liga	Pribram	Bohemians 1905	3.25	3.01	2.36	TEAM1	329.50
997	08:00	21/04/2021	soccer@south-africa	premier-league	Black Leopards	Stellenbosch	3.08	2.93	2.41	TEAM2	267.11
956	08:00	21/04/2021	soccer@south-africa	premier-league	Black Leopards	Stellenbosch	3.08	2.93	2.41	TEAM1	267.11
934	08:00	21/04/2021	soccer@bulgaria	parva-liga	Beroe	Tsarsko Selo	1.74	3.13	5.53	TEAM2	157.40
970	08:00	21/04/2021	soccer@czech-republic	1-liga	Pribram	Bohemians 1905	3.25	3.01	2.36	TEAM2	329.50
941	11:00	21/04/2021	soccer@turkey	super-lig	Galatasaray	Trabzonspor	1.88	3.60	4.12	TEAM2	45.12
1022	11:30	21/04/2021	soccer@germany	2-bundesliga	Dusseldorf	St. Pauli	2.46	3.38	2.85	TEAM1	101.43
1024	11:30	21/04/2021	soccer@germany	2-bundesliga	Heidenheim	Bochum	2.82	3.31	2.52	TEAM1	77.61
952	11:30	21/04/2021	soccer@germany	2-bundesliga	Hannover	Regensburg	1.97	3.56	3.80	TEAM2	157.92
1011	11:30	21/04/2021	soccer@germany	2-bundesliga	Dusseldorf	St. Pauli	2.46	3.38	2.85	DRAW	101.43
1012	11:30	21/04/2021	soccer@germany	2-bundesliga	Hannover	Regensburg	1.97	3.56	3.80	DRAW	157.92
971	12:00	21/04/2021	soccer@england	premier-league	Tottenham	Southampton	1.84	3.80	4.37	TEAM1	96.32
935	12:30	21/04/2021	soccer@bulgaria	parva-liga	Lok. Plovdiv	Levski Sofia	1.84	3.31	4.30	TEAM2	78.47
999	13:30	21/04/2021	soccer@greece	super-league	AEK Athens FC	Panathinaikos	1.92	3.39	4.09	TEAM1	59.17

In [9]:

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

Out[9]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
698	21/04/2021	11:30	soccer	germany	2-bundesliga	Dusseldorf	St. Pauli	X2	2.85	100.0
696	21/04/2021	12:00	soccer	germany	3-liga	Meppen	Magdeburg	X2	2.26	100.0
697	21/04/2021	12:00	soccer	germany	3-liga	Lubeck	Ingolstadt	X2	2.01	100.0
699	21/04/2021	13:30	soccer	greece	super-league	AEK Athens FC	Panathinaikos	X1	1.92	100.0

NHL CLUSTER FALLO

In [10]:

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

Out[10]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
374	0:0	2021-04-21	hockey/usa_nhl	Chicago Blackhawks	Nashville Predators	2.70	4.16	2.24	2
375	0:0	2021-04-21	hockey/usa_nhl	Los Angeles Kings	Anaheim Ducks	1.98	4.21	3.18	2

TAN!! SPECIAL SELECTION

In [11]:

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

Out[11]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2235	10:15	21/04/2021	/soccer/bulgaria/parva-liga/cska-sofia-montana...	CSKA Sofia	Montana	1.19	5.84	15.28	TEAM1
2231	11:30	21/04/2021	/soccer/italy/serie-a/ac-milan-sassuolo-Y3BavDUd/	AC Milan	Sassuolo	1.67	4.12	5.11	TEAM1
2236	12:00	21/04/2021	/soccer/lithuania/a-lyga/banga-nevezis-kedaini...	Banga	Nevezis Kedainiai	1.50	3.75	6.09	TEAM1
2233	13:00	21/04/2021	/soccer/portugal/primeira-liga/braga-boavista-...	Braga	Boavista	1.47	4.35	7.13	TEAM1
2232	13:45	21/04/2021	/soccer/italy/serie-a/juventus-parma-tAODG9xj/	Juventus	Parma	1.28	6.11	11.30	TEAM1
2234	15:15	21/04/2021	/soccer/portugal/primeira-liga/sporting-belene...	Sporting	Belenenses	1.45	4.26	8.14	TEAM1

In [12]:

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

Out[12]:

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

In [13]:

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

Out[13]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
160	03:00	2021-04-21	/basketball/usa/nba/sacramento-kings-minnesota...	Sacramento Kings	Minnesota Timberwolves	1.66	0.0	2.3	0.545076

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

In [14]:

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

Out[14]:

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

24 17:30 2021-04-21 /soccer/austria/tipico-bundesliga/tirol-salzb... Tirol Salzburg 10.34 6.82 1.22 0.355674
hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

Premium

In [15]:

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

Out[15]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1316	2021-04-21	17:30	soccer	germany	2-bundesliga	Dusseldorf	St. Pauli	X2	1.000000	2.85	100
1317	2021-04-21	17:30	soccer	germany	2-bundesliga	Hannover	Regensburg	X2	1.000000	3.80	100
1313	2021-04-21	18:00	soccer	germany	3-liga	Hansa Rostock	Wehen	X2	1.000000	3.76	100
1314	2021-04-21	18:00	soccer	germany	3-liga	Meppen	Magdeburg	X2	1.000000	2.26	100
1315	2021-04-21	18:00	soccer	germany	3-liga	Lubeck	Ingolstadt	X2	1.000000	2.01	100
1318	2021-04-21	17:30	soccer	italy	serie-a	AC Milan	Sassuolo	TEAM1	1.000000	1.67	100
1319	2021-04-21	19:45	soccer	italy	serie-a	Juventus	Parma	TEAM1	1.000000	1.28	100
1320	2021-04-21	00:30	basketball	usa	nba	New York Knicks	Charlotte Hornets	OVER	0.559110	1.90	100
1321	2021-04-21	03:00	basketball	usa	nba	Sacramento Kings	Minnesota Timberwolves	OVER	0.635894	1.90	100

Criterio

In [16]:

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

Out[16]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1314	2021-04-21	14:00	soccer	czech-republic	1-liga	Slovacko	Brno	TEAM1	1.64	209
1315	2021-04-21	17:30	soccer	germany	2-bundesliga	Paderborn	VfL Osnabruck	TEAM1	1.62	202
1316	2021-04-21	17:30	soccer	italy	serie-a	AC Milan	Sassuolo	TEAM1	1.67	219
1317	2021-04-21	15:45	soccer	slovenia	prva-liga	O. Ljubljana	Koper	TEAM1	1.57	181
1318	2021-04-21	14:00	soccer	tanzania	ligi-kuu-bara	Polisi Tanzania	Mbeya City	TEAM1	1.59	190

In [17]:

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

Out[17]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1539	14:00	2021-04-21	/soccer/czech-republic/1-liga/slovacko-brno-Op...	Slovacko	Brno	1.64	3.65	5.50	TEAM1

	hora	date	sport	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1540	17:30	2021-04-21	soccer	austria	tipico-bundesliga	Paderborn	Osnabruck	1.62	3.93	5.50	TEAM1
1541	18:00	2021-04-21	soccer	israel	state-cup/sakhnin-beitar-tel-av...	Sakhnin	Beitar Tel Aviv	1.54	3.81	5.49	TEAM1
1542	17:30	2021-04-21	soccer	italy	serie-a/ac-milan-sassuolo-Y3BavDUD/	AC Milan	Sassuolo	1.67	4.12	5.11	TEAM1
1543	18:00	2021-04-21	soccer	lithuania	a-lyga/banga-nevezis-kedaini...	Banga	Nevezis Kedainiai	1.50	3.75	6.09	TEAM1
1544	19:00	2021-04-21	soccer	portugal	primeira-liga/braga-boavista-...	Braga	Boavista	1.47	4.35	7.13	TEAM1
1545	21:15	2021-04-21	soccer	portugal	primeira-liga/sporting-belene...	Sporting	Belenenses	1.45	4.26	8.14	TEAM1
1546	15:45	2021-04-21	soccer	slovenia	prva-liga/o-ljubljana-koper-v...	O. Ljubljana	Koper	1.57	3.75	5.47	TEAM1
1548	14:00	2021-04-21	soccer	tanzania	ligi-kuu-bara/polisi-tanzania...	Polisi Tanzania	Mbeya City	1.59	3.21	6.16	TEAM1
1547	12:00	2021-04-21	soccer	tanzania	ligi-kuu-bara/ruvu-shooting-m...	Ruvu Shooting	Mwadui	1.45	3.75	6.87	TEAM1

In [18]:

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

Out[18]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
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In [19]:

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

Out[19]:

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

In [20]:

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

Out[20]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1522	2021-04-21	17:30	soccer	austria	tipico-bundesliga	Tirol	Salzburg	4.75	1.40	100	0.141197
1513	2021-04-21	18:00	soccer	england	premier-league	Tottenham	Southampton	3.75	1.34	100	0.430165
1514	2021-04-21	20:15	soccer	england	premier-league	Aston Villa	Manchester City	3.75	1.35	100	0.242001
1515	2021-04-21	19:30	soccer	germany	bundesliga	Hoffenheim	B. Monchengladbach	4.00	1.30	100	0.541155
1517	2021-04-21	19:45	soccer	italy	serie-a	Juventus	Parma	4.25	1.36	100	0.702888
1518	2021-04-21	19:45	soccer	italy	serie-a	Bologna	Torino	3.75	1.35	100	0.133601
1523	2021-04-21	18:00	soccer	lithuania	a-lyga	Banga	Nevezis Kedainiai	3.50	1.32	100	0.856533
1520	2021-04-21	19:00	soccer	portugal	primeira-liga	Braga	Boavista	3.50	1.35	100	0.836600

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1521	2021-04-21	21:15	soccer	portugal	primeira-liga	Sporting	Belenenses	3.25	1.30	100	0.229794
1519	2021-04-21	19:00	soccer	spain	laliga	Betis	Ath Bilbao	3.25	1.31	100	0.113460
1516	2021-04-21	19:30	soccer	switzerland	super-league	Lugano	St. Gallen	3.50	1.34	100	0.517293
1504	2021-04-21	00:05	baseball	usa	mlb	Philadelphia Phillies	San Francisco Giants	10.50	1.42	100	0.678747
1505	2021-04-21	00:40	baseball	usa	mlb	Chicago Cubs	New York Mets	9.50	1.44	100	0.633525
1506	2021-04-21	01:40	baseball	usa	mlb	Colorado Rockies	Houston Astros	12.50	1.48	100	0.641074
1507	2021-04-21	00:30	basketball	usa	nba	Atlanta Hawks	Orlando Magic	223.00	1.57	100	0.518057
1508	2021-04-21	00:30	basketball	usa	nba	New York Knicks	Charlotte Hornets	213.00	1.57	100	0.559110
1509	2021-04-21	00:30	basketball	usa	nba	New Orleans Pelicans	Brooklyn Nets	240.00	1.57	100	0.546371
1510	2021-04-21	03:00	basketball	usa	nba	Portland Trail Blazers	Los Angeles Clippers	229.00	1.57	100	0.531264
1511	2021-04-21	03:00	basketball	usa	nba	Sacramento Kings	Minnesota Timberwolves	244.00	1.57	100	0.635894
1512	2021-04-21	00:00	hockey	usa	nhl	Florida Panthers	Columbus Blue Jackets	6.50	1.44	100	0.661416

NBA

In [21]:

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

Out[21]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
761	00:30	2021-04-21	/basketball/usa/nba/atlanta-hawks-orlando-magi...	Atlanta Hawks	Orlando Magic	1.12	0	6.81	0.706703
763	00:30	2021-04-21	/basketball/usa/nba/new-orleans-pelicans-brook...	New Orleans Pelicans	Brooklyn Nets	1.69	0	2.25	0.480521
762	00:30	2021-04-21	/basketball/usa/nba/new-york-knicks-charlotte-...	New York Knicks	Charlotte Hornets	1.45	0	2.87	0.631642
764	03:00	2021-04-21	/basketball/usa/nba/portland-trail-blazers-los...	Portland Trail Blazers	Los Angeles Clippers	3.39	0	1.35	0.417740
765	03:00	2021-04-21	/basketball/usa/nba/sacramento-kings-minnesota...	Sacramento Kings	Minnesota Timberwolves	1.66	0	2.30	0.545076

NBA CLUSTER FALLO

In [22]:

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

Out[22]:

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

In [23]:

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

Out[23]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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NHL

In [24]:

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

Out[24]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
716	01:30	2021-04-21	/hockey/usa/nhl/dallas-stars-detroit-red-wings...	Dallas Stars	Detroit Red Wings	1.66	4.42	4.44	0.545009
715	00:00	2021-04-21	/hockey/usa/nhl/florida-panthers-columbus-blue...	Florida Panthers	Columbus Blue Jackets	1.71	4.54	3.99	0.675033
718	03:00	2021-04-21	/hockey/usa/nhl/los-angeles-kings-anaheim-duck...	Los Angeles Kings	Anaheim Ducks	1.98	4.21	3.18	0.529873
713	00:00	2021-04-21	/hockey/usa/nhl/new-york-islanders-new-york-ra...	New York Islanders	New York Rangers	2.31	4.10	2.66	0.542782
712	00:00	2021-04-21	/hockey/usa/nhl/pittsburgh-penguins-new-jersey...	Pittsburgh Penguins	New Jersey Devils	1.59	4.88	4.46	0.653267
714	00:00	2021-04-21	/hockey/usa/nhl/tampa-bay-lightning-carolina-h...	Tampa Bay Lightning	Carolina Hurricanes	2.36	4.23	2.55	0.477187
717	02:00	2021-04-21	/hockey/usa/nhl/vancouver-canucks-toronto-mapl...	Vancouver Canucks	Toronto Maple Leafs	4.94	5.33	1.50	0.532879

MLB

In [25]:

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

Out[25]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
250	02:30	2021-04-21	/baseball/usa/mlb/oakland-athletics-minnesota-...	Oakland Athletics	Minnesota Twins	2.03	0	1.82	TEAM2
251	23:10	2021-04-21	/baseball/usa/mlb/cleveland-indians-chicago-wh...	Cleveland Indians	Chicago White Sox	2	0	1.83	TEAM2

SOCCER

In [26]:

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

Out[26]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
247	20:15	2021-04-21	/soccer/england/premier-league/aston-villa-man...	Aston Villa	Manchester City	8.90	4.94	1.39	0.362766

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
246	18:00	2021-04-21	/soccer/england_premier-league/tottenham-south...	Tottenham	Southampton	1.84	3.80	4.37	0.630649
248	19:30	2021-04-21	/soccer/germany/bundesliga/dortmund-union-berl...	Dortmund	Union Berlin	1.55	4.47	6.03	0.552787
249	19:30	2021-04-21	/soccer/germany/bundesliga/hoffenheim-b-monche...	Hoffenheim	B. Monchengladbach	3.17	3.77	2.19	0.484695
251	19:30	2021-04-21	/soccer/germany/bundesliga/vfb-stuttgart-wolfs...	Stuttgart	Wolfsburg	3.46	3.90	2.03	0.464184
250	19:30	2021-04-21	/soccer/germany/bundesliga/werder-bremen-mainz...	Werder Bremen	Mainz	3.17	3.32	2.38	0.469102

SOCCKER CLUSTER FALLO

In [27]:

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

Out[27]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
195	0:0	2021-04-21	soccer/england_premier-league	Tottenham	Southampton	1.84	3.80	4.38	2
193	0:0	2021-04-21	soccer/germany_bundesliga	Werder Bremen	Mainz	3.17	3.33	2.37	1
194	0:0	2021-04-21	soccer/germany_bundesliga	Hoffenheim	B. Monchengladbach	3.14	3.75	2.21	1

SOCCKER EMPATE SECUENCIA

In [28]:

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

Out[28]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
550	17:30	2021-04-21	soccer/germany_2-bundesliga	Dusseldorf	St. Pauli	2.46	3.38	2.85	5-St. Pauli-0.05
547	15:15	2021-04-21	soccer/greece_super-league	Olympiacos Piraeus	Asteras Tripolis	1.21	6.29	12.99	1-Asteras Tripolis-0.05
548	15:30	2021-04-21	soccer/portugal_primeira-liga	Santa Clara	Moreirense	1.89	3.37	4.48	2-Moreirense-0.08
549	16:00	2021-04-21	soccer/south-africa_premier-league	Kaizer Chiefs	Cape Town City	2.38	2.73	3.38	1-Cape Town City-0.02
546	19:30	2021-04-21	soccer/switzerland_super-league	Lugano	St. Gallen	2.65	3.39	2.59	2-Lugano-0.08
545	14:00	2021-04-21	soccer/tanzania_ligi-kuu-bara	Polisi Tanzania	Mbeya City	1.59	3.21	6.16	2-Polisi Tanzania-0.34

MILAN - más negativo -77

In [29]:

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

Out[29]:

	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
```

CRB - más positivo .49

In [30]:

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

Out[30]:

```
hora date area league team1 team2 team1_odds draw_odds team2_odds objetivo
```

LIGA MX

In [31]:

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

Out[31]:

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

NFL

In [32]:

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

Out[32]:

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

HOCKEY

In [33]:

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

Out[33]:

```
hora date area league team1 team2 team1_odds draw_odds team2_odds objetivo
```

Daily predictions machin3.

In [34]:

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

Out[34]:

```
hora date area league team1 team2 team1_odds draw_odds team2_odds objetivo
690 17:05 2021-04-21 /soccer/croatia/1-hnl/istra-1961-rijeka- YeHextiR/ Istra 1961 Rijeka 4.48 3.33 1.83 TEAM2
```

689	15:00	2021-04-21	/soccer/croatia/1-hnl/lok-zagreb-varazdin-area_league	Lok. Zagreb	Varazdin	team1_odds	draw_odds	team2_odds	objetivo
688	18:30	2021-04-21	/soccer/czech-republic/1-liga/slavia-prague-zl...	Slavia Prague	Zlin	1.15	7.38	15.00	TEAM1
687	14:00	2021-04-21	/soccer/czech-republic/1-liga/slovakko-brno-Op...	Slovakko	Brno	1.64	3.65	5.50	TEAM1

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [35]:

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

Out[35]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7246	18:00	2021-04-21	/soccer/lithuania/a-lyga/banga-nevezis-kedaini...	Banga	Nevezis Kedainiai	1.50	3.75	6.09	0.775187
7220	19:45	2021-04-21	/soccer/italy/serie-a/juventus-parma-tAODG9xj/	Juventus	Parma	1.28	6.11	11.30	0.721072
7236	16:15	2021-04-21	/soccer/bulgaria/parva-liga/cska-sofia-montana...	CSKA Sofia	Montana	1.19	5.84	15.28	0.703145
7232	21:15	2021-04-21	/soccer/portugal/primeira-liga/sporting-belene...	Sporting	Belenenses	1.45	4.26	8.14	0.699252
7237	18:30	2021-04-21	/soccer/bulgaria/parva-liga/lok-plovdiv-levski...	Lok. Plovdiv	Levski Sofia	1.84	3.31	4.30	0.665501
7231	19:00	2021-04-21	/soccer/portugal/primeira-liga/braga-boavista-...	Braga	Boavista	1.47	4.35	7.13	0.632285
7233	18:00	2021-04-21	/soccer/england/premier-league/tottenham-south...	Tottenham	Southampton	1.84	3.80	4.37	0.630649
7216	17:30	2021-04-21	/soccer/italy/serie-a/ac-milan-sassuolo-Y3BavDUD/	AC Milan	Sassuolo	1.67	4.12	5.11	0.626904
7214	19:30	2021-04-21	/soccer/switzerland/super-league/lugano-st-gal...	Lugano	St. Gallen	2.65	3.39	2.59	0.606062
7217	19:45	2021-04-21	/soccer/italy/serie-a/genoa-benevento-Y3kUOXU9/	Genoa	Benevento	2.14	3.23	3.83	0.595346
7218	19:45	2021-04-21	/soccer/italy/serie-a/udinese-cagliari-GSvZNipG/	Udinese	Cagliari	2.50	3.26	3.04	0.595203
7238	17:30	2021-04-21	/soccer/austria/tipico-bundesliga/sturm-graz-w...	Sturm Graz	Wolfsberger AC	2.11	3.68	3.20	0.572187
7227	20:00	2021-04-21	/soccer/spain/laliga/elche-valladolid-SO1DT5J8/	Elche	Valladolid	2.93	3.04	2.74	0.560834
7226	20:00	2021-04-21	/soccer/spain/laliga/alaves-villarreal-IKNzGnk9/	Alaves	Villarreal	4.53	3.56	1.87	0.552288
7235	14:00	2021-04-21	/soccer/bulgaria/parva-liga/beroe-tsarsko-selo...	Beroe	Tsarsko Selo	1.74	3.13	5.53	0.544889
7225	19:00	2021-04-21	/soccer/spain/laliga/betis-ath-bilbao-OxGmDpZR/	Betis	Ath Bilbao	2.36	3.33	3.21	0.535481
7215	19:30	2021-04-21	/soccer/switzerland/super-league/vaduz-basel-E...	Vaduz	Basel	3.26	3.75	2.06	0.534844
7242	12:00	2021-04-21	/soccer/world/club-friendly/mjondalen-sandefjo...	Mjondalen (Nor)	Sandefjord (Nor)	2.25	3.76	2.71	0.525719
7243	15:00	2021-04-21	/soccer/world/club-friendly/rosenborg-ranheim-...	Rosenborg (Blu)	Ranheim (Nor)	1.25	5.96	8.46	0.525719
7244	17:00	2021-04-21	/soccer/world/club-friendly/sandnes-ulf-viking...	Sandnes (Nor)	Viking (Nor)	4.72	4.56	1.55	0.525719
7222	19:45	2021-04-21	/soccer/italy/serie-a/bologna-torino-n7F3wXq3/	Bologna	Torino	2.56	3.35	2.88	0.518517
7229	15:30	2021-04-21	/soccer/portugal/primeira-liga/santa-clara-mor...	Santa Clara	Moreirense	1.89	3.37	4.48	0.515631

7240	19:00	2021-04-21	/soccer/austria/tipico-bundesliga/lask-linz-fa...	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7224	18:00	2021-04-21	/soccer/spain/laliga/osasuna-valencia-GzeS52R1/	Osasuna	Valencia	2.66	3.11	2.95	0.478729
7213	17:15	2021-04-21	/soccer/switzerland/super-league/luzern-lausan...	Luzern	Lausanne	2.37	3.51	2.85	0.476370
7230	17:00	2021-04-21	/soccer/portugal/primeira-liga/maritimo-rio-av...	Maritimo	Rio Ave	2.86	3.11	2.64	0.469930
7223	18:00	2021-04-21	/soccer/spain/laliga/levante-sevilla-xpdO6rCe/	Levante	Sevilla	5.05	4.18	1.67	0.441603
7241	15:30	2021-04-21	/soccer/slovakia/2-liga/trebisov-podbrezova-2k...	Trebisov	Podbrezova	5.23	3.81	1.56	0.437496
7221	19:45	2021-04-21	/soccer/italy/serie-a/crotone-sampdoria-K0NHFTid/	Crotone	Sampdoria	3.52	3.69	2.08	0.372066
7234	20:15	2021-04-21	/soccer/england/premier-league/aston-villa-man...	Aston Villa	Manchester City	8.90	4.94	1.39	0.362766
7239	17:30	2021-04-21	/soccer/austria/tipico-bundesliga/tirol-salzb...	Tirol	Salzburg	10.34	6.82	1.22	0.355674
7219	19:45	2021-04-21	/soccer/italy/serie-a/spezia-inter-MPssMVES/	Spezia	Inter	8.29	5.15	1.38	0.302076
7245	16:00	2021-04-21	/soccer/lithuania/a-lyga/hegelmann-litauen-fk-...	Hegelmann Litauen	Kauno Zalgiris	3.81	3.34	1.86	0.205144
7228	21:00	2021-04-21	/soccer/spain/laliga/cadiz-real-madrid-tl2F84sq/	Cadiz CF	Real Madrid	8.77	4.64	1.41	0.197365

EXPERIMENTAL

Daily model 53

In [36]:

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

Out[36]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1347	14:00	2021-04-21	/soccer/bulgaria/parva-liga/beroe-tsarsko-selo...	Beroe	Tsarsko Selo	1.74	3.13	5.53	TEAM2
1348	18:30	2021-04-21	/soccer/bulgaria/parva-liga/lok-plovdiv-levski...	Lok. Plovdiv	Levski Sofia	1.84	3.31	4.30	TEAM2
1354	14:00	2021-04-21	/soccer/czech-republic/1-liga/pribram-bohemian...	Pribram	Bohemians 1905	3.25	3.01	2.36	TEAM2
1344	14:45	2021-04-21	/soccer/romania/liga-1/campionii-arg-es-chindia...	FC Arges	Chindia Targoviste	2.69	2.83	2.91	TEAM1
1342	17:00	2021-04-21	/soccer/romania/liga-1/fc-botosani-cs-u-craiov...	FC Botosani	Univ. Craiova	3.69	2.93	2.19	TEAM2
1346	19:30	2021-04-21	/soccer/romania/liga-1/sepsi-cfr-cluj-OKjbWraG/	Sepsi Sf. Gheorghe	CFR Cluj	4.55	3.06	1.92	TEAM1

In [37]:

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

Out[37]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objeti
8041	14:00	2021-04-21	/soccer/bulgaria/parva-liga/beroe-tsarsko-	Beroe	Tsarsko Selo	1.74	3.13	5.53	TEAM

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8042	18:30	2021-04-21	/soccer/bulgaria/parva-liga-lok-plovdiv-levski...	Lok. Plovdiv	Levski Sofia	1.84	3.31	4.30	TEAM
8030	03:00	2021-04-21	/soccer/costa-rica/primeradivision/cartagines...	Cartagines	Sporting San Jose	1.71	3.54	4.76	TEAM
8031	23:00	2021-04-21	/soccer/costa-rica/primeradivision/guadalupe...	Guadalupe	Zeledon	2.24	3.05	3.30	TEAM
8064	14:00	2021-04-21	/soccer/czech-republic/1-liga/pribram-bohemian...	Pribram	Bohemians 1905	3.25	3.01	2.36	TEAM
8044	19:45	2021-04-21	/soccer/england/championship/birmingham-nottin...	Birmingham	Nottingham	2.57	3.07	3.02	TEAM
8048	19:45	2021-04-21	/soccer/england/championship/huddersfield-barn...	Huddersfield	Barnsley	3.49	3.34	2.18	TEAM
8045	18:00	2021-04-21	/soccer/england/championship/millwall-bournemo...	Millwall	Bournemouth	3.91	3.48	1.99	TEAM
8047	19:00	2021-04-21	/soccer/england/championship/wycombe-bristol-c...	Wycombe	Bristol City	2.72	3.31	2.66	TEAM
8075	17:30	2021-04-21	/soccer/germany/2-bundesliga/dusseldorf-st-pau...	Dusseldorf	St. Pauli	2.46	3.38	2.85	DRA
8076	17:30	2021-04-21	/soccer/germany/2-bundesliga/hannover-regensbu...	Hannover	Regensburg	1.97	3.56	3.80	DRA
8065	18:00	2021-04-21	/soccer/germany/3-liga/hansa-rostock-wehen-pxO...	Hansa Rostock	Wehen	2.10	3.13	3.76	DRA
8069	18:00	2021-04-21	/soccer/germany/3-liga/lubeck-ingolstadt-Ot2xc...	Lubeck	Ingolstadt	3.64	3.43	2.01	DRA
8068	18:00	2021-04-21	/soccer/germany/3-liga/meppen-magdeburg-xQaQaOhr/	Meppen	Magdeburg	3.16	3.26	2.26	DRA
8059	19:30	2021-04-21	/soccer/germany/bundesliga/werder-bremen-mainz...	Werder Bremen	Mainz	3.17	3.32	2.38	TEAM
8071	19:30	2021-04-21	/soccer/greece/super-league/aek-panathinaikos...	AEK Athens FC	Panathinaikos	1.92	3.39	4.09	TEAM
8038	23:00	2021-04-21	/soccer/panama/lpf/independiente-herrera-zaUnV...	Independiente	Herrera	1.79	3.24	4.32	TEAM
8035	14:45	2021-04-21	/soccer/romania/liga-1/campionii-arges-chindia...	FC Arges	Chindia Targoviste	2.69	2.83	2.91	TEAM
8028	17:00	2021-04-21	/soccer/romania/liga-1/fc-botosani-cs-u-craiov...	FC Botosani	Univ. Craiova	3.69	2.93	2.19	TEAM
8037	19:30	2021-04-21	/soccer/romania/liga-1/sepsi-cfr-cluj-OKjbWraG/	Sepsi Sf. Gheorghe	CFR Cluj	4.55	3.06	1.92	TEAM

Daily predictions machin4 EMPATE

In [38]:

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

Out[38]:

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

Daily predictions machin5

In [39]:

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

Out[39]:

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

In []: