

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
42	10:00	28/04/2021	soccer/russia_fnl	FK Krylya Sovetov Samara	Torpedo Moscow	1.48	4.07	6.47	1-FK Krylya Sovetov Samara--3.53
43	11:00	28/04/2021	soccer/serbia_superliga	Cukaricki	Mladost	1.43	4.27	6.46	4-Cukaricki--2.62

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
72	27/04/2021	18:00	basketball	usa	nba	Charlotte Hornets	Milwaukee Bucks	225.0	1.9	100	UNDER
71	27/04/2021	18:30	basketball	usa	nba	Toronto Raptors	Brooklyn Nets	231.5	1.9	100	UNDER
73	27/04/2021	18:30	basketball	usa	nba	Toronto Raptors	Brooklyn Nets	231.5	1.9	100	OVER
74	27/04/2021	20:00	basketball	usa	nba	Houston Rockets	Minnesota Timberwolves	234.0	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
8	27/04/2021	18:45	baseball	usa	mlb	St.Louis Cardinals	Philadelphia Phillies	8.5	1.9	100	OVER
9	27/04/2021	20:40	baseball	usa	mlb	Arizona Diamondbacks	San Diego Padres	9.0	1.9	100	OVER

In [5]:

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

Out[5]:

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

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

Out[6]:

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

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

Out[7]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
17	28/04/2021	11:00	soccer	hungary	merkantil-bank-liga	Gyor	Szolnoki MAV	1-Szolnoki MAV-0.27	1.90	100	FT_EMPATE
18	28/04/2021	11:00	soccer	hungary	merkantil-bank-liga	Gyor	Szolnoki MAV	1-Szolnoki MAV-0.27	3.27	100	EMPATE

In [8]:

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

Out[8]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rati
1653	06:00	28/04/2021	soccer@romania	liga-1	Chindia Targoviste	Astra	2.68	2.81	2.95	TEAM2	240.4296
1703	08:30	28/04/2021	soccer@romania	liga-1	Sepsi Sf. Gheorghe	Academica Clinceni	1.75	3.32	5.13	DRAW	133.0029
1695	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Dorogi	Szeged	2.22	3.24	2.96	TEAM1	-11.2697
1696	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Szentlorinc	Haladas	2.46	3.21	2.63	TEAM1	191.3920
1666	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Pecsi MFC	Ajka	2.16	3.27	3.06	TEAM2	156.9395
1667	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Dorogi	Szeged	2.22	3.24	2.96	TEAM2	-11.2697
1697	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Gyor	Szolnoki MAV	2.16	3.27	3.06	TEAM1	101.1592
1698	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Csakvari	Budaorsi SC	2.35	3.25	2.75	TEAM1	13.8559
1700	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Nyiregyhaza	Gyirmot	3.19	3.36	2.04	TEAM1	390.5391
1701	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM1	150.4001

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rati
1673	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM2	150.4091

In [9]:

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

Out[9]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rati
1661	19:00	27/04/2021	soccer@panama	lpf	Miguelito	Tauro	2.74	2.73	2.80	TEAM2	-63.310
1648	06:00	28/04/2021	soccer@russia	fnl	Spartak Moscow 2	F. Voronezh	3.17	3.36	2.16	DRAW	36.495
1653	06:00	28/04/2021	soccer@romania	liga-1	Chindia Targoviste	Astra	2.68	2.81	2.95	TEAM2	240.429
1686	08:00	28/04/2021	soccer@south-africa	premier-league	Kaizer Chiefs	Chippa Utd.	1.95	3.12	4.06	TEAM1	303.780
1689	08:00	28/04/2021	soccer@south-africa	premier-league	Tshakhuma	Bloem Celtic	2.80	2.79	2.73	TEAM1	190.850
1705	08:00	28/04/2021	soccer@russia	fnl	Omsk	SKA Khabarovsk	2.64	3.02	2.73	TEAM1	203.094
1703	08:30	28/04/2021	soccer@romania	liga-1	Sepsi Sf. Gheorghe	Academica Clinceni	1.75	3.32	5.13	DRAW	133.002
1714	10:00	28/04/2021	soccer@south-africa	premier-league	Cape Town City	AmaZulu	2.29	2.99	3.24	TEAM2	117.550
1680	10:00	28/04/2021	soccer@russia	fnl	D. Bryansk	Veles Moscow	3.85	3.11	2.02	TEAM2	-13.123
1682	10:00	28/04/2021	soccer@russia	fnl	Tekstilshitik	Akron Togliatti	2.95	2.92	2.52	TEAM2	-84.785
1687	10:00	28/04/2021	soccer@south-africa	premier-league	Cape Town City	AmaZulu	2.29	2.99	3.24	TEAM1	117.550
1707	10:00	28/04/2021	soccer@russia	fnl	D. Bryansk	Veles Moscow	3.85	3.11	2.02	TEAM1	-13.123
1695	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Dorogi	Szeged	2.22	3.24	2.96	TEAM1	-11.269
1696	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Szentlorinc	Haladas	2.46	3.21	2.63	TEAM1	191.392
1666	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Pecs MFC	Ajka	2.16	3.27	3.06	TEAM2	156.939
1667	10:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Dorogi	Szeged	2.22	3.24	2.96	TEAM2	-11.269
1697	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Gyor	Szolnoki MAV	2.16	3.27	3.06	TEAM1	101.159
1698	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Csakvari	Budaorsi SC	2.35	3.25	2.75	TEAM1	13.855
1700	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Nyiregyhaza	Gyirmot	3.19	3.36	2.04	TEAM1	390.539
1701	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM1	150.409
1673	11:00	28/04/2021	soccer@hungary	merkantil-bank-liga	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM2	150.409
1683	12:00	28/04/2021	soccer@france	ligue-2	Dunkerque	Amiens	2.64	2.99	2.85	TEAM1	-42.753

In [10]:

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

Out[10]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
728	27/04/2021	20:00	basketball	usa	nba	Houston Rockets	Minnesota Timberwolves	UNDER-239	1.59	100.0
724	28/04/2021	06:00	soccer	russia	fnl	Spartak Moscow 2	F. Voronezh	X2	2.16	100.0
726	28/04/2021	11:30	soccer	austria	tipico-bundesliga	LASK	Sturm Graz	X1	1.88	100.0
725	28/04/2021	12:00	soccer	spain	laliga	Ath Bilbao	Valladolid	X1	1.87	100.0
727	28/04/2021	12:00	soccer	spain	laliga	Ath Bilbao	Valladolid	X1	1.87	186.0

NHL CLUSTER FALLO

In [11]:

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

Out[11]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
397	0:0	2021-04-28	hockey/usa_nhl	Ottawa Senators	Vancouver Canucks	2.61	4.28	2.29	1
398	0:0	2021-04-28	hockey/usa_nhl	Dallas Stars	Carolina Hurricanes	2.74	4.09	2.24	1
399	0:0	2021-04-28	hockey/usa_nhl	Minnesota Wild	St. Louis Blues	2.12	4.27	2.88	2

TAN!! SPECIAL SELECTION

In [12]:

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

Out[12]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2278	11:00	28/04/2021	/soccer/serbia/super-liga/cukaricki-mladost-lu...	Cukaricki	Mladost	1.43	4.27	6.46	TEAM1
2279	11:30	28/04/2021	/soccer/austria/tipico-bundesliga/salzburg-wol...	Salzburg	Wolfsberger AC	1.25	6.35	9.56	TEAM1
2277	12:00	28/04/2021	/soccer/spain/laliga/ath-bilbao-valladolid-Yq5...	Ath Bilbao	Valladolid	1.87	3.23	5.16	TEAM1

In [13]:

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

Out[13]:

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

Tan [14]:

In [14]:

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

Out[14]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
186	02:00	2021-04-28	/basketball/usa/nba/houston-rockets-minnesota-...	Houston Rockets	Minnesota Timberwolves	2.09	0.0	1.79	0.451871
184	00:00	2021-04-28	/basketball/usa/nba/indiana-pacers-portland-tr...	Indiana Pacers	Portland Trail Blazers	2.85	0.0	1.46	0.582043
185	00:30	2021-04-28	/basketball/usa/nba/toronto-raptors-brooklyn-n...	Toronto Raptors	Brooklyn Nets	2.75	0.0	1.48	0.439181

In [15]:

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

Out[15]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
28	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/salzburg-wol...	Salzburg	Wolfsberger AC	1.25	6.35	9.56	0.656426

Premium

In [16]:

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

Out[16]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1387	2021-04-28	14:30	soccer	romania	liga-1	Sepsi Sf. Gheorghe	Academica Clinceni	X2	1.000000	5.13	100
1386	2021-04-28	12:00	soccer	russia	fnl	Spartak Moscow 2	F. Voronezh	X2	1.000000	2.16	100
1388	2021-04-28	18:00	soccer	spain	laliga	Ath Bilbao	Valladolid	TEAM1	1.000000	1.87	100
1389	2021-04-28	00:10	baseball	usa	mlb	Tampa Bay Rays	Oakland Athletics	UNDER	0.575044	1.90	100
1390	2021-04-28	00:45	baseball	usa	mlb	St.Louis Cardinals	Philadelphia Phillies	UNDER	0.598075	1.90	100
1391	2021-04-28	02:40	baseball	usa	mlb	Arizona Diamondbacks	San Diego Padres	UNDER	0.533397	1.90	100
1392	2021-04-28	00:00	basketball	usa	nba	Boston Celtics	Oklahoma City Thunder	OVER	0.657753	1.90	100
1393	2021-04-28	00:00	basketball	usa	nba	Charlotte Hornets	Milwaukee Bucks	OVER	0.729215	1.90	100
1394	2021-04-28	02:00	basketball	usa	nba	Houston Rockets	Minnesota Timberwolves	UNDER	0.325402	1.90	100
1395	2021-04-28	02:30	basketball	usa	nba	Golden State Warriors	Dallas Mavericks	OVER	0.787728	1.90	100

Criterio

In [17]:

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

Out[17]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1349	2021-04-28	17:30	soccer	germany	2-bundesliga	Greuther Furth	Sandhausen	TEAM1	1.62	257
1350	2021-04-28	17:00	soccer	romania	liga-1	CFR Cluj	FC Botosani	TEAM1	1.54	186
1352	2021-04-28	18:00	soccer	spain	laliga	Ath Bilbao	Valladolid	TEAM1	1.87	186
1353	2021-04-28	00:10	baseball	usa	mlb	Tampa Bay Rays	Oakland Athletics	UNDER	1.90	186
1351	2021-04-28	14:00	soccer	zambia	super-league	Young Green Eagles	Kitwe United	TEAM1	1.50	186

In [18]:

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

Out[18]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1606	17:30	2021-04-28	/soccer/germany/2-bundesliga/greuther-furth-sa...	Greuther Furth	Sandhausen	1.62	4.02	5.40	TEAM1
1608	17:00	2021-04-28	/soccer/romania/liga-1/cfr-cluj-fc-botosani-fl...	CFR Cluj	FC Botosani	1.54	3.80	6.46	TEAM1
1607	14:30	2021-04-28	/soccer/romania/liga-1/sepsi-academica-clincen...	Sepsi Sf. Gheorghe	Academica Clinceni	1.75	3.32	5.13	TEAM1
1610	17:00	2021-04-28	/soccer/russia/fnl/fc-nizhny-novgorod-est-2015...	Nizhny Novgorod	Yenisey	1.51	3.86	6.53	TEAM1
1609	15:30	2021-04-28	/soccer/russia/fnl/fc-volgar-astrakhan-shinnik...	Volgar-Astrakhan	Shinnik Yaroslavl	1.45	4.11	7.08	TEAM1
1611	18:30	2021-04-28	/soccer/turkey/super-lig/galatasaray-konyaspor...	Galatasaray	Konyaspor	1.50	4.34	6.50	TEAM1
1613	14:00	2021-04-28	/soccer/zambia/super-league/young-green-eagles...	Young Green Eagles	Kitwe United	1.50	3.62	6.06	TEAM1
1612	14:00	2021-04-28	/soccer/zambia/super-league/zesco-red-arrows-z...	ZESCO	Red Arrows	1.53	3.22	7.16	TEAM1

In [19]:

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

Out[19]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
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In [20]:

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

Out[20]:

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

OVER UNDER

In [21]:

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

Out[21]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1662	2021-04-28	17:00	soccer	serbia	super-liga	Cukaricki	Mladost	3.5	1.29	100	0.842255
1644	2021-04-28	00:07	baseball	usa	mlb	Toronto Blue Jays	Washington Nationals	10.5	1.42	100	0.634708
1645	2021-04-28	00:10	baseball	usa	mlb	Tampa Bay Rays	Oakland Athletics	10.5	1.42	100	0.575044
1646	2021-04-28	00:20	baseball	usa	mlb	Atlanta Braves	Chicago Cubs	11.0	1.40	100	0.661713
1647	2021-04-28	00:40	baseball	usa	mlb	Milwaukee Brewers	Miami Marlins	10.0	1.41	100	0.341590
1648	2021-04-28	00:45	baseball	usa	mlb	St.Louis Cardinals	Philadelphia Phillies	10.5	1.43	100	0.598075
1649	2021-04-28	01:05	baseball	usa	mlb	Texas Rangers	Los Angeles Angels	11.0	1.42	100	0.638452
1650	2021-04-28	01:10	baseball	usa	mlb	Houston Astros	Seattle Mariners	10.5	1.47	100	0.661265
1651	2021-04-28	02:40	baseball	usa	mlb	Arizona Diamondbacks	San Diego Padres	11.0	1.46	100	0.533397
1652	2021-04-28	02:45	baseball	usa	mlb	San Francisco Giants	Colorado Rockies	10.0	1.40	100	0.723424
1653	2021-04-28	03:10	baseball	usa	mlb	Los Angeles Dodgers	Cincinnati Reds	9.5	1.43	100	0.284814
1654	2021-04-28	00:00	basketball	usa	nba	Boston Celtics	Oklahoma City Thunder	221.0	1.57	100	0.657753
1655	2021-04-28	00:00	basketball	usa	nba	Charlotte Hornets	Milwaukee Bucks	230.0	1.57	100	0.729215
1656	2021-04-28	00:00	basketball	usa	nba	Indiana Pacers	Portland Trail Blazers	247.0	1.59	100	0.539888
1657	2021-04-28	00:30	basketball	usa	nba	Toronto Raptors	Brooklyn Nets	236.5	1.59	100	0.531538
1658	2021-04-28	02:00	basketball	usa	nba	Houston Rockets	Minnesota Timberwolves	239.0	1.59	100	0.325402
1659	2021-04-28	02:30	basketball	usa	nba	Golden State Warriors	Dallas Mavericks	228.0	1.57	100	0.787728
1660	2021-04-28	00:00	hockey	usa	nhl	New York Rangers	Buffalo Sabres	7.0	1.40	100	0.542422
1661	2021-04-28	00:00	hockey	usa	nhl	Pittsburgh Penguins	Boston Bruins	6.5	1.41	100	0.594824

NBA

In [22]:

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

Out[22]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
817	00:00	2021-04-28	/basketball/usa/nba/boston-celtics-oklahoma-ci...	Boston Celtics	Oklahoma City Thunder	1.14	0	6.05	0.717640
818	00:00	2021-04-28	/basketball/usa/nba/charlotte-hornets-milwauke...	Charlotte Hornets	Milwaukee Bucks	4.21	0	1.25	0.479750
822	02:30	2021-04-28	/basketball/usa/nba/golden-state-warriors-dall...	Golden State Warriors	Dallas Mavericks	1.46	0	2.81	0.512066
821	02:00	2021-04-28	/basketball/usa/nba/houston-rockets-minnesota-...	Houston Rockets	Minnesota Timberwolves	2.09	0	1.79	0.451871
819	00:00	2021-04-28	/basketball/usa/nba/indiana-pacers-portland-tr...	Indiana Pacers	Portland Trail Blazers	2.85	0	1.46	0.582043
820	00:30	2021-04-28	/basketball/usa/nba/toronto-raptors-brooklyn-n...	Toronto Raptors	Brooklyn Nets	2.75	0	1.48	0.439181

NBA CLUSTER FALLO

In [23]:

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

Out[23]:

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

NBA FALLO SIN FILTRO

In [24]:

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

Out[24]:

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

NHL

In [25]:

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

Out[25]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
766	01:00	2021-04-28	/hockey/usa/nhl/chicago-blackhawks-tampa-bay-l...	Chicago Blackhawks	Tampa Bay Lightning	3.55	4.42	1.82	0.509945
765	00:00	2021-04-28	/hockey/usa/nhl/columbus-blue-jackets-detroit-...	Columbus Blue Jackets	Detroit Red Wings	2.09	4.12	2.97	0.431839
768	01:30	2021-04-28	/hockey/usa/nhl/dallas-stars-carolina-hurrican...	Dallas Stars	Carolina Hurricanes	2.74	4.09	2.23	0.504611
767	01:00	2021-04-28	/hockey/usa/nhl/nashville-predators-florida-pa...	Nashville Predators	Florida Panthers	2.56	4.22	2.33	0.546807
762	00:00	2021-04-28	/hockey/usa/nhl/new-jersey-devils-philadelphia...	New Jersey Devils	Philadelphia Flyers	2.77	4.28	2.17	0.444254
763	00:00	2021-04-28	/hockey/usa/nhl/new-york-rangers-buffalo-sabre...	New York Rangers	Buffalo Sabres	1.51	5.13	5.00	0.621167
769	22:30	2021-04-28	/hockey/usa/nhl/ottawa-senators-vancouver-canu...	Ottawa Senators	Vancouver Canucks	2.61	4.24	2.30	0.516988
764	00:00	2021-04-28	/hockey/usa/nhl/pittsburgh-penguins-boston-bru...	Pittsburgh Penguins	Boston Bruins	2.52	4.10	2.43	0.567022
761	00:00	2021-04-28	/hockey/usa/nhl/washington-capitals-new-york-i...	Washington Capitals	New York Islanders	2.49	4.10	2.46	0.583525

MLB

In [26]:

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

Out[26]:

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

SOCCER

In [27]:

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

Out[27]:

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

SOCCER CLUSTER FALLO

In [28]:

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

Out[28]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
209	0:0	2021-04-28	soccer/england_premier-league	Paris SG	Manchester City	3.28	3.75	2.17	1

SOCCER EMPATE SECUENCIA

In [29]:

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

Out[29]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
599	17:00	2021-04-28	soccer/france_national	Orleans	Villefranche	2.58	2.93	2.91	1-Villefranche-0.26
600	17:00	2021-04-28	soccer/hungary_merkantil-bank-liga	Gyor	Szolnoki MAV	2.16	3.27	3.06	1-Szolnoki MAV-0.27
598	23:00	2021-04-28	soccer/panama_lpf	Alianza	Arabe Unido	3.40	3.00	2.15	1-Alianza-0.08
597	16:00	2021-04-28	soccer/south-africa_premier-league	Cape Town City	AmaZulu	2.29	2.99	3.24	3-Cape Town City-0.02

MILAN - más negativo -77

In [30]:

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

Out[30]:

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

CRB - más positivo .49

In [31]:

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

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_mx1",
dsp.daily_prediction(df_prediccion)
```

Out[31]:

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

LIGA MX

In [32]:

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

Out[32]:

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

NFL

In [33]:

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

Out[33]:

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

HOCKEY

In [34]:

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

Out[34]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
349	19:30	2021-04-28	/hockey/germany/del/erc-ingolstadt-eisbaren-be...	ERC Ingolstadt	Eisbaren Berlin	2.61	4.26	2.25	0.512771
348	17:30	2021-04-28	/hockey/germany/del/grizzly-wolfsburg-adler-ma...	Grizzly Wolfsburg	Adler Mannheim	3.16	4.16	1.98	0.490823

Daily predictions machin3.

In [35]:

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

Out[35]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
713	16:00	2021-04-28	/soccer/russia/fnl/d-bryansk-veles-moscow-21jF...	D. Bryansk	Veles Moscow	3.85	3.11	2.02	TEAM2
714	17:00	2021-04-28	/soccer/russia/fnl/fc-chertanovo-moscow-orenbu...	Chertanovo M.	Orenburg	12.90	5.28	1.24	TEAM2
712	14:00	2021-04-28	/soccer/russia/fnl/irtysh-omsk-ska-khabarovsk-...	Omsk	SKA Khabarovsk	2.64	3.02	2.73	TEAM2

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
711	12:00	2021-04-28	/soccer/russia/fnl/spartak-moscow-1-voronezh-U...	Spartak Moscow 2	F. Voronezh	3.17	3.36	2.16	TEAM2

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [36]:

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

Out[36]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7422	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/salzburg-wol...	Salzburg	Wolfsberger AC	1.25	6.35	9.56	0.656426
7427	19:00	2021-04-28	/soccer/faroe-islands/premier-league/nsi-runavik...	NSI Runavik	Vikingur	1.70	3.78	4.12	0.596872
7418	18:00	2021-04-28	/soccer/spain/laliga/ath-bilbao-valladolid-Yq5...	Ath Bilbao	Valladolid	1.87	3.23	5.16	0.582688
7420	17:00	2021-04-28	/soccer/serbia/super-liga/cukaricki-mladost-lu...	Cukaricki	Mladost	1.43	4.27	6.46	0.571304
7426	19:00	2021-04-28	/soccer/faroe-islands/premier-league/07-vestur...	07 Vestur Sorvagur	Streymur	2.63	3.39	2.41	0.562148
7425	19:00	2021-04-28	/soccer/faroe-islands/premier-league/klaksvik...	Klaksvik	HB Torshavn	1.82	3.86	3.52	0.558887
7419	17:00	2021-04-28	/soccer/serbia/super-liga/novi-pazar-fk-vozdovac...	Novi Pazar	FK Vozdovac	1.96	3.28	3.66	0.554461
7421	17:00	2021-04-28	/soccer/serbia/super-liga/backa-fk-zlatibor-ca...	Backa	Zlatibor Cajetina	2.71	2.93	2.72	0.528149
7432	16:00	2021-04-28	/soccer/world/club-friendly/brann-sandnes-ulf-...	Brann (Nor)	Sandnes (Nor)	1.69	4.32	3.56	0.525719
7431	16:00	2021-04-28	/soccer/world/club-friendly/fredrikstad-stromm...	Fredrikstad (Nor)	Strommen (Nor)	1.81	3.93	3.63	0.525719
7428	10:00	2021-04-28	/soccer/world/club-friendly/ham-kam-ull-kisa-K...	Ham-Kam (Nor)	Ull/Kisa (Nor)	1.74	3.99	4.15	0.525719
7429	12:00	2021-04-28	/soccer/world/club-friendly/molde-sogndal-hxW0...	Molde (Blu)	Sogndal (Nor)	1.34	5.68	6.68	0.525719
7430	15:00	2021-04-28	/soccer/world/club-friendly/rosenborg-kristian...	Rosenborg (Blu)	Kristiansund (Nor)	1.81	3.90	3.73	0.525719
7423	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/lask-linz-st...	LASK	Sturm Graz	1.88	3.62	4.02	0.515771
7424	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/tirol-rapid-...	Tirol	Rapid Vienna	4.41	4.10	1.70	0.452382

EXPERIMENTAL

Daily model 53

In [37]:

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

Out[37]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1495	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/tirol-rapid-...	Tirol	Rapid Vienna	4.41	4.10	1.70	TEAM2
1485	19:00	2021-04-28	/soccer/faroe-islands/premier-league/07-vestur...	07 Vestur Sorvagur	Streymur	2.63	3.39	2.41	TEAM1
1500	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/csakvari-b...	Csakvari	Budaorsi SC	2.35	3.25	2.75	TEAM1
1487	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/dorogi-fc-...	Dorogi	Szeged	2.22	3.24	2.96	TEAM2
1497	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/dorogi-fc-...	Dorogi	Szeged	2.22	3.24	2.96	TEAM1
1499	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/gyor-szoln...	Gyor	Szolnoki MAV	2.16	3.27	3.06	TEAM1
1493	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/kazincbarc...	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM2
1503	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/kazincbarc...	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM1
1502	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/nyiregyhaz...	Nyiregyhaza	Gyirmot	3.19	3.36	2.04	TEAM1
1486	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/pecsi-mfc-...	Pecsi MFC	Ajka	2.16	3.27	3.06	TEAM2
1498	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/szentlorin...	Szentlorinc	Haladas	2.46	3.21	2.63	TEAM1
1481	12:00	2021-04-28	/soccer/romania/liga-1/chindia-targoviste-fc-a...	Chindia Targoviste	Astra	2.68	2.81	2.95	TEAM2
1505	14:30	2021-04-28	/soccer/romania/liga-1/sepsi-academica-clincen...	Sepsi Sf. Gheorghe	Academica Clinceni	1.75	3.32	5.13	DRAW

In [38]:

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

Out[38]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8434	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/lask-linz-st...	LASK	Sturm Graz	1.88	3.62	4.02	TEAM1
8437	17:30	2021-04-28	/soccer/austria/tipico-bundesliga/tirol-rapid-...	Tirol	Rapid Vienna	4.41	4.10	1.70	TEAM2
8424	19:00	2021-04-28	/soccer/faroe-islands/premier-league/07-vestur...	07 Vestur Sorvagur	Streymur	2.63	3.39	2.41	TEAM1
8433	18:00	2021-04-28	/soccer/france/ligue-2/dunkerque-amiens-sc-Slx...	Dunkerque	Amiens	2.64	2.99	2.85	TEAM1
8457	17:00	2021-04-28	/soccer/france/national/orleans-villefranche-K...	Orleans	Villefranche	2.58	2.93	2.91	TEAM2
8444	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/csakvari-b...	Csakvari	Budaorsi SC	2.35	3.25	2.75	TEAM1
8426	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/dorogi-fc-...	Dorogi	Szeged	2.22	3.24	2.96	TEAM2
8441	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/dorogi-fc-...	Dorogi	Szeged	2.22	3.24	2.96	TEAM1
8443	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/gyor-szoln...	Gyor	Szolnoki MAV	2.16	3.27	3.06	TEAM1
8432	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/kazincbarc...	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM2
8447	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/kazincbarc...	Kazincbarcikai	Siofok	2.52	3.33	2.45	TEAM1
8446	17:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/nyiregyhaz...	Nyiregyhaza	Gyirmot	3.19	3.36	2.04	TEAM1
8425	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/pecsi-mfc-...	Pecsi MFC	Ajka	2.16	3.27	3.06	TEAM2
8442	16:00	2021-04-28	/soccer/hungary/merkantil-bank-liga/szentlorin...	Szentlorinc	Haladas	2.46	3.21	2.63	TEAM1

8422	01:00	2021-04-28	/soccer/panama/ipt/sporting-san-miguel	Miguelito	Taur	team1_odds	draw_odds	team2_odds	objetivo
8415	12:00	2021-04-28	/soccer/romania/liga-1/chindia-targoviste-fc-a...	Chindia Targoviste	Astra	2.68	2.81	2.95	TEAM2
8449	14:30	2021-04-28	/soccer/romania/liga-1/sepsi-academica-clincen...	Sepsi Sf. Gheorghe	Academica Clinceni	1.75	3.32	5.13	DRAW
8453	16:00	2021-04-28	/soccer/russia/fnl/d-bryansk-veles-moscow-21jF...	D. Bryansk	Veles Moscow	3.85	3.11	2.02	TEAM1
8451	14:00	2021-04-28	/soccer/russia/fnl/irtysh-omsk-ska-khabarovsk-...	Omsk	SKA Khabarovsk	2.64	3.02	2.73	TEAM1
8411	12:00	2021-04-28	/soccer/russia/fnl/spartak-moscow-f-voronezh-U...	Spartak Moscow 2	F. Voronezh	3.17	3.36	2.16	DRAW

Daily predictions machin4 EMPATE

In [39]:

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

Out[39]:

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

Daily predictions machin5

In [40]:

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

Out[40]:

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

In []: