

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
89	10:00	23/05/2021	soccer/england_premier-league	Manchester City	Everton	1.43	5.13	7.09	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
157	22/05/2021	21:30	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	227.0	1.9	100	UNDER
159	23/05/2021	12:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	229.0	1.9	100	UNDER
158	23/05/2021	14:30	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	213.5	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.correcion_horario(df)
```

Out[4]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
45	22/05/2021	18:15	baseball	usa	mlb	St.Louis Cardinals	Chicago Cubs	8.5	1.9	100	UNDER

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.correcion_horario(df)
```

Out[5]:

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

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
103	22/05/2021	19:00	soccer	usa	mls	New England Revolution	New York Red Bulls	2.75	1.9	100	OVER
102	23/05/2021	10:00	soccer	england	premier-league	Arsenal	Brighton	2.75	1.9	100	OVER
104	23/05/2021	10:00	soccer	england	premier-league	Liverpool	Crystal Palace	3.50	1.9	100	OVER
106	23/05/2021	10:00	soccer	england	premier-league	Leeds	West Brom	3.50	1.9	100	OVER
105	23/05/2021	13:45	soccer	italy	serie-a	Sassuolo	Lazio	3.50	1.9	100	OVER
107	23/05/2021	15:30	soccer	usa	mls	Seattle Sounders	Atlanta Utd	2.75	1.9	100	UNDER

In [7]:

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

Out[7]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
93	22/05/2021	19:00	soccer	usa	mls	New England Revolution	New York Red Bulls	-0.75	1.9	100	New England Revolution
92	23/05/2021	10:00	soccer	england	premier-league	West Ham	Southampton	-0.75	1.9	100	West Ham
91	23/05/2021	14:30	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	3.00	1.9	100	Los Angeles Lakers

In [8]:

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

Out[8]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
53	23/05/2021	07:00	soccer	sweden	superettan	Norrby	AFC Eskilstuna	3-Norrby-0.12	1.90	100	FT_EMPATE
55	23/05/2021	14:00	soccer	france	ligue-1	Reims	Bordeaux	2-Reims-0.42	2.93	100	EMPATE

In [9]:

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

Out[9]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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31	22/05/2021	00:00	soccer	mexico	liga-mx	Cruz Azul	Pachuca	TEAM1	1.91	100	TEAM1
32	23/05/2021	02:00	soccer	south-korea	k-league-2	Jeonnam	Busan	TEAM1	2.24	100	TEAM1
33	23/05/2021	04:30	soccer	south-korea	k-league-2	Anyang	Gimcheon Sangmu	TEAM1	2.48	100	TEAM1

In [10]:

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

Out[10]:

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

In [11]:

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

Out[11]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating
3818	05:15	23/05/2021	soccer@netherlands	eredivisie	Feyenoord	Utrecht	2.16	3.59	3.23	TEAM2	51.809396
3766	06:45	23/05/2021	soccer@england	national-league	Sutton	Hartlepool	2.27	3.29	3.08	TEAM2	72.854325

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.correccion_horario(df)
```

Out[12]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	R
3764	19:00	22/05/2021	soccer@panama	lpf	Deportivo Universitario	Veraguas	2.92	3.42	2.30	TEAM2	128.41
3784	20:00	22/05/2021	soccer@mexico	liga-mx	Cruz Azul	Pachuca	1.91	3.29	4.21	TEAM1	-61.20
3779	02:00	23/05/2021	soccer@south-korea	k-league-2	Jeonnam	Busan	2.24	3.05	3.30	TEAM1	227.71
3850	04:30	23/05/2021	soccer@south-korea	k-league-2	Anyang	Gimcheon Sangmu	2.48	3.10	2.84	TEAM2	113.63
3818	05:15	23/05/2021	soccer@netherlands	eredivisie	Feyenoord	Utrecht	2.16	3.59	3.23	TEAM2	-51.80
3846	06:30	23/05/2021	soccer@england	league-two	Morecambe	Tranmere	2.59	3.20	2.78	TEAM2	235.87
3767	06:30	23/05/2021	soccer@england	league-two	Morecambe	Tranmere	2.59	3.20	2.78	TEAM1	235.87
3766	06:45	23/05/2021	soccer@england	national-league	Sutton	Hartlepool	2.27	3.29	3.08	TEAM2	-72.85
3749	08:00	23/05/2021	soccer@sweden	allsvenskan	Halmstad	Degerfors	2.12	3.36	3.58	TEAM1	155.34
3750	10:30	23/05/2021	soccer@sweden	allsvenskan	Hacken	Varbergs	1.72	3.70	5.01	TEAM1	180.76

In [13]:

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

Out[13]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
841	23/05/2021	08:30	soccer	germany	2-bundesliga	Wurzburger Kickers	Paderborn	X2	1.81	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
470	0:0	2021-05-23	hockey/usa_nhl	Minnesota Wild	Vegas Golden Knights	2.61	4.08	2.34	1
471	0:0	2021-05-23	hockey/usa_nhl	Winnipeg Jets	Edmonton Oilers	2.63	4.13	2.32	1
472	0:0	2021-05-23	hockey/usa_nhl	Washington Capitals	Boston Bruins	2.77	4.06	2.22	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
73	0:0	2021-05-23	hockey/usa_nhl	Minnesota Wild	Vegas Golden Knights	2.61	4.08	2.34	1
74	0:0	2021-05-23	hockey/usa_nhl	Winnipeg Jets	Edmonton Oilers	2.63	4.13	2.32	1
75	0:0	2021-05-23	hockey/usa_nhl	Washington Capitals	Boston Bruins	2.77	4.06	2.22	2

TAN!! SPECIAL SELECTION

In [16]:

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

Out[16]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2424	06:00	23/05/2021	/soccer/sweden/division-1-norra/hudiksvalls-pi...	Hudiksvalls	Pitea	1.78	3.54	3.87	TEAM1
2415	08:00	23/05/2021	/soccer/italy/serie-a/inter-udinese-tQpRzYOc/	Inter	Udinese	1.40	5.42	7.24	TEAM1
2423	08:00	23/05/2021	/soccer/sweden/division-1-norra/dalkurd-ifk-lu...	Dalkurd	IFK Lulea	1.32	5.34	7.54	TEAM1
2419	10:00	23/05/2021	/soccer/england/premier-league/arsenal-brighto...	Arsenal	Brighton	1.66	4.26	5.05	TEAM1
2420	10:00	23/05/2021	/soccer/england/premier-league/leeds-west-brom...	Leeds	West Brom	1.44	5.29	6.60	TEAM1

2421	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
	10:00	23/05/2021	/soccer/england/premier-league/liverpool-cryst...	Liverpool	Crystal Palace	1.16	8.07	17.68	TEAM1
2422	10:00	23/05/2021	/soccer/england/premier-league/manchester-city...	Manchester City	Everton	1.43	5.13	7.09	TEAM1
2416	13:45	23/05/2021	/soccer/italy/serie-a/napoli-verona-OlzWZiv4/	Napoli	Verona	1.21	7.28	13.75	TEAM1
2417	14:00	23/05/2021	/soccer/spain/laliga/sevilla-alaves-IyuY2fCD/	Sevilla	Alaves	1.53	4.44	6.36	TEAM1
2418	15:30	23/05/2021	/soccer/usa/mls/seattle-sounders-atlanta-unite...	Seattle Sounders	Atlanta Utd	1.66	3.75	5.41	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
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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
238	12:00	2021-05-23	/soccer/sweden/division-1-norra/hudiksvalls-pi...	Hudiksvalls	Pitea	1.78	3.54	3.87	0.254918

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

In [19]:

```
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
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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
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	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1630	2021-05-23	16:00	soccer	england	premier-league	Arsenal	Brighton	TEAM1	1.000000	1.66	100
1631	2021-05-23	16:00	soccer	england	premier-league	Leeds	West Brom	TEAM1	1.000000	1.44	100
1632	2021-05-23	16:00	soccer	england	premier-league	Liverpool	Crystal Palace	TEAM1	1.000000	1.16	100
1633	2021-05-23	16:00	soccer	england	premier-league	Manchester City	Everton	TEAM1	1.000000	1.43	100
1625	2021-05-23	14:30	soccer	germany	2-bundesliga	Bochum	Sandhausen	X2	1.000000	4.51	100
1626	2021-05-23	14:30	soccer	germany	2-bundesliga	Wurzburger Kickers	Paderborn	X2	1.000000	1.81	100
1627	2021-05-23	14:00	soccer	italy	serie-a	Inter	Udinese	TEAM1	1.000000	1.40	100
1628	2021-05-23	19:45	soccer	italy	serie-a	Napoli	Verona	TEAM1	1.000000	1.21	100
1629	2021-05-23	20:00	soccer	spain	laliga	Sevilla	Alaves	TEAM1	1.000000	1.53	100
1634	2021-05-23	01:00	basketball	usa	nba	Brooklyn Nets	Boston Celtics	OVER	0.646985	1.90	100
1635	2021-05-23	03:30	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	OVER	0.731715	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
1469	2021-05-23	16:00	soccer	england	premier-league	Arsenal	Brighton	TEAM1	1.66	208
1470	2021-05-23	22:45	soccer	paraguay	primera-division	Olimpia Asuncion	Sp. Luqueno	TEAM1	1.60	187
1471	2021-05-23	17:15	soccer	spain	laliga2	Espanyol	Tenerife	TEAM1	1.58	179
1472	2021-05-23	16:30	soccer	sweden	allsvenskan	Djurgarden	Goteborg	TEAM1	1.69	218
1473	2021-05-23	21:30	soccer	usa	mls	Seattle Sounders	Atlanta Utd	TEAM1	1.66	208

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
1791	16:00	2021-05-23	/soccer/england/premier-league/arsenal-brighto...	Arsenal	Brighton	1.66	4.26	5.05	TEAM1
1792	16:00	2021-05-23	/soccer/england/premier-league/leeds-west-brom...	Leeds	West Brom	1.44	5.29	6.60	TEAM1
1793	16:00	2021-05-23	/soccer/england/premier-league/manchester-city...	Manchester City	Everton	1.43	5.13	7.09	TEAM1
1794	19:00	2021-05-23	/soccer/israel/ligat-ha-al/maccabi-haifa-ashdo...	Maccabi Haifa	Ashdod	1.42	4.56	6.46	TEAM1
1795	14:00	2021-05-23	/soccer/latvia/optibet-virsliga/fk-liepaja-ven...	FK Liepaja	Ventspils	1.48	4.27	5.39	TEAM1
1796	22:45	2021-05-23	/soccer/paraguay/primera-division/olimpia-	Olimpia	Sp.	1.60	3.58	5.71	TEAM1

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1797	20:00	2021-05-23	/soccer/spain/laliga	sevilla-alaves-lyuY2fCD/	Sevilla	Alaves	1.53	4.44	6.36	TEAM1
1798	17:15	2021-05-23	/soccer/spain/laliga2	espanyol-tenerife-p6tBB7/	Espanyol	Tenerife	1.58	3.76	6.36	TEAM1
1799	16:30	2021-05-23	/soccer/sweden/allsvenskan	djurgarden-ifk-gote...	Djurgarden	Goteborg	1.69	3.68	5.33	TEAM1
1800	21:30	2021-05-23	/soccer/usa/mls/seattle-sounders-atlanta-unite...		Seattle Sounders	Atlanta Utd	1.66	3.75	5.41	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
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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
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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
2223	2021-05-23	06:00	soccer	australia	npl-victoria	Heidelberg Utd	Avondale FC	4.00	1.31	100	0.901857
2211	2021-05-23	16:00	soccer	england	premier-league	Arsenal	Brighton	3.75	1.36	100	0.846593
2212	2021-05-23	16:00	soccer	england	premier-league	Liverpool	Crystal Palace	4.50	1.38	100	0.848939
2213	2021-05-23	16:00	soccer	england	premier-league	Manchester City	Everton	4.00	1.29	100	0.601192
2214	2021-05-23	16:00	soccer	england	premier-league	West Ham	Southampton	4.00	1.29	100	0.687274
2221	2021-05-23	16:00	soccer	england	premier-league	Leeds	West Brom	4.50	1.35	100	0.811061
2222	2021-05-23	16:00	soccer	england	premier-league	Leicester	Tottenham	4.00	1.32	100	0.806987
2219	2021-05-23	19:45	soccer	italy	serie-a	Sassuolo	Lazio	4.50	1.37	100	0.856865
2220	2021-05-23	20:00	soccer	spain	laliga	Sevilla	Alaves	4.00	1.30	100	0.503385
2202	2021-05-23	00:15	baseball	usa	mlb	San Francisco Giants	Los Angeles Dodgers	9.50	1.43	100	0.900299
2203	2021-05-23	00:15	baseball	usa	mlb	St.Louis Cardinals	Chicago Cubs	10.50	1.42	100	0.667377
2204	2021-05-23	00:15	baseball	usa	mlb	Philadelphia Phillies	Boston Red Sox	11.00	1.41	100	0.639933
2205	2021-05-23	00:07	baseball	usa	mlb	Tampa Bay Rays	Texas Rangers	11.50	1.40	100	0.630475

2205	2021-05-23	00:37	baseball	usa	mlb	Toronto Blue Jays	San Francisco Giants	11.50	1.43	100	0.378475
	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2215	2021-05-23	00:00	soccer	usa	mls	Orlando City	Toronto FC	3.50	1.33	100	0.870641
2216	2021-05-23	01:00	soccer	usa	mls	New England Revolution	New York Red Bulls	3.75	1.33	100	0.794888
2218	2021-05-23	21:30	soccer	usa	mls	Seattle Sounders	Atlanta Utd	3.75	1.31	100	0.732287
2206	2021-05-23	01:00	basketball	usa	nba	Brooklyn Nets	Boston Celtics	237.50	1.57	100	0.646985
2207	2021-05-23	03:30	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	232.00	1.57	100	0.731715
2209	2021-05-23	18:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	234.00	1.56	100	0.526819
2208	2021-05-23	20:30	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	218.50	1.56	100	0.539823
2210	2021-05-23	00:00	hockey	usa	nhl	Toronto Maple Leafs	Montreal Canadiens	6.50	1.41	100	0.334566

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
388	2021-05-23	16:00	soccer	england	premier-league	Leicester	Tottenham	-0.50	1.9	100	0.358604
389	2021-05-23	16:00	soccer	england	premier-league	Liverpool	Crystal Palace	-2.25	1.9	100	0.308555
390	2021-05-23	16:00	soccer	england	premier-league	Manchester City	Everton	-1.25	1.9	100	0.745516
391	2021-05-23	16:00	soccer	england	premier-league	West Ham	Southampton	-0.75	1.9	100	0.572776
387	2021-05-23	02:00	soccer	mexico	liga-mx	Cruz Azul	Pachuca	-0.50	1.9	100	0.448085
398	2021-05-23	00:15	baseball	usa	mlb	Philadelphia Phillies	Boston Red Sox	1.00	1.9	100	0.597550
399	2021-05-23	19:35	baseball	usa	mlb	Texas Rangers	Houston Astros	1.50	1.9	100	0.237314
400	2021-05-23	20:10	baseball	usa	mlb	Colorado Rockies	Arizona Diamondbacks	-1.00	1.9	100	0.235890
392	2021-05-23	01:00	soccer	usa	mls	New England Revolution	New York Red Bulls	-0.75	1.9	100	0.144330
393	2021-05-23	03:00	soccer	usa	mls	San Jose Earthquakes	Sporting Kansas City	0.00	1.9	100	0.209161
394	2021-05-23	01:00	basketball	usa	nba	Brooklyn Nets	Boston Celtics	-8.00	1.9	100	0.502240
395	2021-05-23	03:30	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	-1.50	1.9	100	0.681830
397	2021-05-23	18:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	-7.50	1.9	100	0.510013
396	2021-05-23	20:30	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	-3.00	1.9	100	0.556903
385	2021-05-23	00:00	hockey	usa	nhl	Toronto Maple Leafs	Montreal Canadiens	-0.75	1.9	100	0.260118
386	2021-05-23	22:00	hockey	usa	nhl	St. Louis Blues	Colorado Avalanche	1.25	1.9	100	0.538687

NBA

In [27]:

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



```
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
984	01:00	2021-05-23	/basketball/usa/nba/brooklyn-nets-boston-celti...	Brooklyn Nets	Boston Celtics	1.27	0	3.91	0.637380
985	03:30	2021-05-23	/basketball/usa/nba/denver-nuggets-portland-tr...	Denver Nuggets	Portland Trail Blazers	1.83	0	2.02	0.528674
986	18:00	2021-05-23	/basketball/usa/nba/philadelphia-76ers-washing...	Philadelphia 76ers	Washington Wizards	1.30	0	3.64	0.595369
987	20:30	2021-05-23	/basketball/usa/nba/phoenix-suns-los-angeles-l...	Phoenix Suns	Los Angeles Lakers	1.69	0	2.24	0.565664

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
318	0:0	2021-05-23	basketball/usa_nba	Philadelphia 76ers	Washington Wizards	1.31	0	3.56	2
319	0:0	2021-05-23	basketball/usa_nba	Brooklyn Nets	Boston Celtics	1.27	0	3.88	2

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
603	0:0	2021-05-23	basketball/usa_nba	New York Knicks	Atlanta Hawks	1.84	0	2.00	2
604	0:0	2021-05-23	basketball/usa_nba	Phoenix Suns	Los Angeles Lakers	1.71	0	2.19	2
605	0:0	2021-05-23	basketball/usa_nba	Philadelphia 76ers	Washington Wizards	1.31	0	3.56	2
606	0:0	2021-05-23	basketball/usa_nba	Brooklyn Nets	Boston Celtics	1.27	0	3.88	2

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
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NHL

In [31]:

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
912	01:00	2021-05-23	/hockey/usa/nhl/minnesota-wild-vegas-golden-kn...	Minnesota Wild	Vegas Golden Knights	2.65	4.11	2.31	0.497265
913	19:30	2021-05-23	/hockey/usa/nhl/nashville-predators-carolina-h...	Nashville Predators	Carolina Hurricanes	2.93	4.19	2.09	0.503546
914	22:00	2021-05-23	/hockey/usa/nhl/st-louis-blues-colorado-avalan...	St. Louis Blues	Colorado Avalanche	4.03	4.57	1.69	0.442968
911	00:00	2021-05-23	/hockey/usa/nhl/toronto-maple-leafs-montreal-c...	Toronto Maple Leafs	Montreal Canadiens	1.85	4.36	3.52	0.547116

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
342	16:00	2021-05-23	/soccer/england/premier-league/arsenal-brighto...	Arsenal	Brighton	1.66	4.26	5.05	0.618388
343	16:00	2021-05-23	/soccer/england/premier-league/aston-villa-che...	Aston Villa	Chelsea	6.81	4.72	1.48	0.421356
344	16:00	2021-05-23	/soccer/england/premier-league/fulham-newcastl...	Fulham	Newcastle	2.08	3.88	3.37	0.428807
345	16:00	2021-05-23	/soccer/england/premier-league/leeds-west-brom...	Leeds	West Brom	1.44	5.29	6.60	0.706414
346	16:00	2021-05-23	/soccer/england/premier-league/leicester-totte...	Leicester	Tottenham	1.99	4.14	3.46	0.577130
347	16:00	2021-05-23	/soccer/england/premier-league/liverpool-cryst...	Liverpool	Crystal Palace	1.16	8.67	17.68	0.684214
348	16:00	2021-05-23	/soccer/england/premier-league/manchester-city...	Manchester City	Everton	1.43	5.13	7.09	0.632080
349	16:00	2021-05-23	/soccer/england/premier-league/sheffield-utd-b...	Sheffield Utd	Burnley	2.92	3.75	2.35	0.477796
350	16:00	2021-05-23	/soccer/england/premier-league/west-ham-southa...	West Ham	Southampton	1.74	3.99	4.79	0.625215
351	16:00	2021-05-23	/soccer/england/premier-league/wolves-manchest...	Wolves	Manchester Utd	2.35	3.68	2.97	0.419631

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
260	0:0	2021-05-23	soccer/england_premier-league	Sheffield Utd	Burnley	2.90	3.74	2.37	1
261	0:0	2021-05-23	soccer/england_premier-league	Wolves	Manchester Utd	2.37	3.68	2.94	2
262	0:0	2021-05-23	soccer/england_premier-league	Fulham	Newcastle	2.08	3.89	3.37	2

SOCCKER 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
761	16:00	2021-05-23	soccer/austria_2-liga	SK Rapid Vienna (Am)	A. Klagenfurt	4.27	4.42	1.63	9-A. Klagenfurt-0.17
758	16:00	2021-05-23	soccer/england_premier-league	Wolves	Manchester Utd	2.35	3.68	2.97	3-Wolves-0.02
759	20:00	2021-05-23	soccer/france_ligue-1	Reims	Bordeaux	2.62	2.93	3.19	2-Reims-0.42
760	14:30	2021-05-23	soccer/germany_2-bundesliga	Regensburg	St. Pauli	2.38	3.42	2.94	9-St. Pauli-0.05
757	13:00	2021-05-23	soccer/sweden_superettan	Norrby	AFC Eskilstuna	1.99	3.36	3.75	3-Norrby-0.12
762	16:00	2021-05-23	soccer/uruguay_primera-division	Plaza Colonia	Montevideo City	2.54	3.34	2.61	4-Montevideo City-0.04

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
218	2021-05-23	02:00	soccer	mexico	liga-mx	Cruz Azul	Pachuca	TEAM1	0.567813	1.91	100

NFL

In [39]:

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

Out[39]:

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

HOCKEY

In [40]:

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

Out[40]:

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

Daily predictions machin3.

In [41]:

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

Out[41]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
793	19:00	2021-05-23	/soccer/israel/ligat-ha-al/maccabi-petah-tikva...	Maccabi Petah Tikva	Maccabi Tel Aviv	4.04	3.52	1.85	TEAM2
792	20:15	2021-05-23	/soccer/italy/serie-b/cittadella-unione-venezi...	Cittadella	Venezia	2.45	3.12	2.96	TEAM1

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [42]:

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

Out[42]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8162	19:45	2021-05-23	/soccer/italy/serie-a/napoli-verona-OlzWZiv4/	Napoli	Verona	1.21	7.28	13.75	0.745053
8172	21:30	2021-05-23	/soccer/usa/mls/seattle-sounders-atlanta-unite...	Seattle Sounders	Atlanta Utd	1.66	3.75	5.41	0.730125
8190	14:00	2021-05-23	/soccer/sweden/division-1-norra/dalkurd-ifk-lu...	Dalkurd	IFK Lulea	1.32	5.34	7.54	0.728263
8156	14:00	2021-05-23	/soccer/italy/serie-a/inter-udinese-tQpRzYOc/	Inter	Udinese	1.40	5.42	7.24	0.725547
8176	16:00	2021-05-23	/soccer/england/premier-league/leeds-west-brom...	Leeds	West Brom	1.44	5.29	6.60	0.706414
8187	17:00	2021-05-23	/soccer/norway/obos-ligaen/aalesund-kfum-oslo-...	Aalesund	KFUM Oslo	1.73	3.91	4.29	0.690919
8178	16:00	2021-05-23	/soccer/england/premier-league/liverpool-cryst...	Liverpool	Crystal Palace	1.16	8.67	17.68	0.684214
8179	16:00	2021-05-23	/soccer/england/premier-league/manchester-city...	Manchester City	Everton	1.43	5.13	7.09	0.632080
8181	16:00	2021-05-23	/soccer/england/premier-league/west-ham-southa...	West Ham	Southampton	1.74	3.99	4.79	0.625215
8157	19:45	2021-05-23	/soccer/italy/serie-a/torino-benevento-2JcaMY94/	Torino	Benevento	1.77	4.46	4.05	0.624377
8164	20:00	2021-05-23	/soccer/spain/laliga/sevilla-alaves-lyuY2fCD/	Sevilla	Alaves	1.53	4.44	6.36	0.622411
8173	16:00	2021-05-23	/soccer/england/premier-league/arsenal-brighto...	Arsenal	Brighton	1.66	4.26	5.05	0.618388
8168	01:00	2021-05-23	/soccer/usa/mls/new-england-revolution-new-yor...	New England Revolution	New York Red Bulls	1.73	3.86	4.62	0.616906
8189	14:00	2021-05-23	/soccer/sweden/division-1-norra/umea-fc-assyri...	Umea FC	Assyriska FF	1.57	4.18	4.95	0.600876
8160	19:45	2021-05-23	/soccer/italy/serie-a/atalanta-ac-milan-zTgyEAHp/	Atalanta	AC Milan	2.41	4.18	2.61	0.594277
8165	00:00	2021-05-23	/soccer/usa/mls/orlando-city-toronto-fc-dzxqnLxb/	Orlando City	Toronto FC	2.17	3.39	3.39	0.587126
8177	16:00	2021-05-23	/soccer/england/premier-league/leicester-totte...	Leicester	Tottenham	1.99	4.14	3.46	0.577130
8184	18:30	2021-05-23	/soccer/bulgaria/parva-liga/chno-more-levski...	Cherno More	Levski Sofia	1.65	3.78	4.75	0.570961
8159	19:45	2021-05-23	/soccer/italy/serie-a/sassuolo-lazio-WbkGij9T/	Sassuolo	Lazio	1.85	4.49	3.66	0.555757
8185	16:30	2021-05-23	/soccer/finland/ykkonen/jaro-vps-tC9Y5Ai9/	Jaro	VPS	2.33	3.29	2.89	0.552105
8167	01:00	2021-05-23	/soccer/usa/mls/fc-dallas-real-salt-lake-WdMm9...	FC Dallas	Real Salt Lake	2.00	3.55	3.68	0.549722
8166	00:30	2021-05-23	/soccer/usa/mls/new-york-city-columbus-crew-h6...	New York City	Columbus Crew	1.77	3.65	4.66	0.538899
8169	02:00	2021-05-23	/soccer/usa/mls/houston-dynamo-vancouver-white...	Houston Dynamo	Vancouver Whitecaps	1.57	4.08	5.84	0.527930
8188	16:00	2021-05-23	/soccer/slovakia/2-liga/zilina-bardejov-KnOqtHyT/	Zilina B	Bardejov	1.25	6.39	7.94	0.512615
8183	18:30	2021-05-23	/soccer/bulgaria/parva-liga/botev-plovdiv-tsar...	Botev Plovdiv	Tsarsko Selo	1.62	3.56	5.56	0.508743
8161	19:45	2021-05-23	/soccer/italy/serie-a/spezia-as-roma-SMtNyE9i/	Spezia	AS Roma	5.11	4.77	1.59	0.491478
8193	06:00	2021-05-23	/soccer/australia/npl-victoria/heidelberg-utd-...	Heidelberg Utd	Avondale FC	2.75	3.81	2.25	0.486865
8163	17:30	2021-05-23	/soccer/spain/laliga/granada-cf-getafe-A5ID7lcr/	Granada CF	Getafe	2.81	3.38	2.61	0.478380
8180	16:00	2021-05-23	/soccer/england/premier-league/sheffield-utd-b...	Sheffield Utd	Burnley	2.92	3.75	2.35	0.477796
8170	03:00	2021-05-23	/soccer/usa/mls/san-jose-earthquakes-sporting-...	San Jose Earthquakes	Sporting Kansas City	2.56	3.58	2.61	0.469322
8171	03:30	2021-05-23	/soccer/usa/mls/los-angeles-fc-colorado-rapids...	Los Angeles FC	Colorado Rapids	1.62	4.07	5.27	0.468127

8186	16:30	2021-05-23	/soccer/finland/ykkonen/mikkelin-tpsa...	Mikkeli	TPS	team1_odds	draw_odds	team2_odds	objetivo
8175	16:00	2021-05-23	/soccer/england/premier-league/fulham-newcastl...	Fulham	Newcastle	2.08	3.88	3.37	0.428807
8174	16:00	2021-05-23	/soccer/england/premier-league/aston-villa-che...	Aston Villa	Chelsea	6.81	4.72	1.48	0.421356
8182	16:00	2021-05-23	/soccer/england/premier-league/wolves-manchest...	Wolves	Manchester Utd	2.35	3.68	2.97	0.419631
8158	19:45	2021-05-23	/soccer/italy/serie-a/bologna-juventus-h8jCJWgN/	Bologna	Juventus	11.88	6.72	1.25	0.380446
8192	12:00	2021-05-23	/soccer/sweden/division-1-norra/hudiksvalls-pl...	Hudiksvalls	Pitea	1.78	3.54	3.87	0.254918
8191	14:30	2021-05-23	/soccer/sweden/division-1-norra/hammarby-tff-b...	Hammarby TFF	Brommapojkarna	8.13	5.67	1.29	0.231277

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
1921	16:00	2021-05-23	/soccer/austria/2-liga/dornbirn-floridsdorfer-...	Dornbirn	Floridsdorfer AC	2.72	3.67	2.32	TEAM2
1918	16:00	2021-05-23	/soccer/austria/2-liga/fc-liefering-bw-linz-K8...	Liefering	BW Linz	2.15	3.76	2.92	TEAM2
1910	16:00	2021-05-23	/soccer/czech-republic/1-liga/pribram-fk-pardu...	Pribram	FK Pardubice	2.39	3.51	2.77	TEAM2
1912	16:00	2021-05-23	/soccer/czech-republic/1-liga/sigma-olomouc-ml...	Sigma Olomouc	Mlada Boleslav	2.40	3.27	2.94	TEAM2
1922	16:30	2021-05-23	/soccer/finland/ykkonen/jaro-vps-tC9Y5Ai9/	Jaro	VPS	2.33	3.29	2.89	TEAM2
1916	11:15	2021-05-23	/soccer/netherlands/eredivisie/feyenoord-utrec...	Feyenoord	Utrecht	2.16	3.59	3.23	TEAM2

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
9540	16:00	2021-05-23	/soccer/austria/2-liga/dornbirn-floridsdorfer-...	Dornbirn	Floridsdorfer AC	2.72	3.67	2.32	TEAM2
9537	16:00	2021-05-23	/soccer/austria/2-liga/fc-liefering-bw-linz-K8...	Liefering	BW Linz	2.15	3.76	2.92	TEAM2
9513	16:00	2021-05-23	/soccer/czech-republic/1-liga/pribram-fk-pardu...	Pribram	FK Pardubice	2.39	3.51	2.77	TEAM2
9515	16:00	2021-05-23	/soccer/czech-republic/1-liga/sigma-olomouc-ml...	Sigma Olomouc	Mlada Boleslav	2.40	3.27	2.94	TEAM2
9508	12:45	2021-05-23	/soccer/england/national-league/sutton-hartlep...	Sutton	Hartlepool	2.27	3.29	3.08	TEAM2
9546	16:30	2021-05-23	/soccer/finland/ykkonen/jaro-vps-tC9Y5Ai9/	Jaro	VPS	2.33	3.29	2.89	TEAM2

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
9525	20:00	2021-05-23	/soccer/france/ligue-1/strasbourg-orient-Gzgr...	Strasbourg	Lorient	2.84	2.11	4.58	TEAM2
9532	14:30	2021-05-23	/soccer/germany/2-bundesliga/bochum-sandhausen...	Bochum	Sandhausen	1.71	4.00	4.51	DRAW
9535	14:30	2021-05-23	/soccer/germany/2-bundesliga/wurzburger-kicker...	Wurzburger Kickers	Paderborn	3.79	4.24	1.81	DRAW
9545	19:00	2021-05-23	/soccer/israel/ligat-ha-al/maccabi-petah-tikva...	Maccabi Petah Tikva	Maccabi Tel Aviv	4.04	3.52	1.85	TEAM2
9527	11:15	2021-05-23	/soccer/netherlands/eredivisie/feyenoord-utrec...	Feyenoord	Utrecht	2.16	3.59	3.23	TEAM2
9507	01:00	2021-05-23	/soccer/panama/lpf/union-deportivo-universitar...	Deportivo Universitario	Veraguas	2.92	3.42	2.30	TEAM2
9543	10:30	2021-05-23	/soccer/south-korea/k-league-2/anyang-gimcheon...	Anyang	Gimcheon Sangmu	2.48	3.10	2.84	TEAM2
9521	14:00	2021-05-23	/soccer/sweden/superettan/falkenbergs-vasalund...	Falkenbergs	Vasalunds	1.74	3.87	4.27	TEAM1
9519	12:00	2021-05-23	/soccer/sweden/superettan/osters-brage-voz0GoM5/	Osters	Brage	2.01	3.30	3.78	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
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Daily predictions machin5

In [46]:

```
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
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In []: