```
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_prediccion_premium_seleccion")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correcion horario(df)
Out[2]:
        date hora
                    sport area league
                                               team1
                                                             team2 objetivo odd criterio outcome
4 01/06/2021 21:10 baseball
                                                                                        UNDER
                                 mlb Los Angeles Dodgers St.Louis Cardinals
                          usa
                                                                        8.5
                                                                           1.9
                                                                                   100
In [3]:
df prediccion = dsp.load data(tbl="tbl stevehudson soccer")
df=dsp.daily prediction(df prediccion)
dsp.correcion_horario(df)
Out[3]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
In [4]:
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[4]:
  date hora sport area league team1 team2 objetivo odd criterio outcome
In [5]:
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[5]:
        date hora
                                                team1
                                                               team2 objetivo odd criterio outcome
                     sport area league
52 01/06/2021 18:05 baseball
                                       New York Yankees
                                                        Tampa Bay Rays
                                                                                    100
                                                                                           OVER
53 01/06/2021 19:05 baseball
                           usa
                                 mlb
                                           Chicago Cubs
                                                       San Diego Padres
                                                                         8.0
                                                                             1.9
                                                                                    100
                                                                                           OVER
```

mlb Los Angeles Dodgers

usa

St.Louis Cardinals

8.5 1.9

54 01/06/2021 21:10 baseball

UNDER

100

In [9]:

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

Out[9]:

date hora sport area league team1 team2 objetivo odd criterio outcome

In [10]:

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

Out[10]:

date hora sport area league team1 team2 objetivo odd criterio outcome

In [11]:

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

Out[11]:

```
data hora snort area leanue team1 team2 obietivo odd criterio outcome
In [ ]:
In [12]:
df prediccion = dsp.load data(tbl="tbl prediccion 0")
df = dsp.daily_prediction_model(df_prediccion)
dsp.correcion horario(df)
Out[12]:
  hora date area league team1 team2 team1_odds draw_odds team2_odds objetivo Rating auc
In [ ]:
In [13]:
df prediccion = dsp.load data(tbl="tbl prediccion 0")
df = dsp.daily_prediction_model(df_prediccion,min_auc=0,min_games=5)
dsp.correcion horario(df)
Out[13]:
                date
                                           team1
                                                     team2 team1_odds draw_odds team2_odds objetivo
                                                                                                     Rating a
                                  league
                                 division-
                                         Linkoping
4127 12:00 02/06/2021 soccer@sweden
                                                 Atvidabergs
                                                                                          TEAM1
                                                                                                 374.420178
                                  1-sodra
                                             City
In [14]:
df prediccion = dsp.load data(tbl="tbl prediccion premium magic")
df = dsp.daily_prediction_criterio(df_prediccion)
dsp.correcion_horario(df)
Out[14]:
  date hora sport area league team1 team2 objetivo odd m_criterio
NHL CLUSTER FALLO
In [15]:
df_prediccion = dsp.load_data(tbl="tbl_fallo_nhl")
dsp.daily_prediction(df_prediccion)
Out[15]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
In [16]:
df prediccion = dsp.load data(tbl="tbl fallo nhl original")
dsp.daily_prediction(df_prediccion)
Out[16]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
```

TAN!! SPECIAL SELECTION

```
In [17]:

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

Out[17]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

In [18]:
```

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

Out[18]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

Gana Favorito en ODDs finales.

```
In [19]:

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

Out[19]:
```

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

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

```
In [20]:
```

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6_glicko")
dsp.daily_prediction(df_prediccion)
Out[20]:
```

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

Premium

```
In [21]:
```

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

Out[21]:

			-		_			-			_
1656	2021-06-02	hora 00:10	sport baseball	area usa	league mlb	team1 Cincinnati Reds	team2 Philadelphia Phillies	objetivo UNDFR	outcome 0.590950	odd 1.9	m_criterio 100
1657	2021-06-02	01:40	baseball	usa	mlb	Colorado Rockies	Texas Rangers	UNDER	0.579337	1.9	100
1658	2021-06-02	02:45	baseball	usa	mlb	San Francisco Giants	Los Angeles Angels	UNDER	0.520092	1.9	100
1659	2021-06-02	03:10	baseball	usa	mlb	Seattle Mariners	Oakland Athletics	UNDER	0.598762	1.9	100
1660	2021-06-02	03:10	baseball	usa	mlb	Los Angeles Dodgers	St.Louis Cardinals	UNDER	0.560133	1.9	100
1661	2021-06-02	00:30	basketball	usa	nba	Brooklyn Nets	Boston Celtics	OVER	0.557496	1.9	100
1662	2021-06-02	02:00	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	OVER	0.554958	1.9	100
1663	2021-06-02	03:00	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	OVER	0.611095	1.9	100

Criterio

In [22]:

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

Out[22]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1509	2021-06-02	17:00	soccer	romania	liga-1	FC Hermannstadt	Mioveni	TEAM1	1.57	253
1512	2021-06-02	16:00	soccer	south-africa	premier-league	AmaZulu	Swallows	TEAM1	2.53	208
1510	2021-06-02	02:40	baseball	usa	mlb	Arizona Diamondbacks	New York Mets	TEAM2	1.86	133
1513	2021-06-02	03:10	baseball	usa	mlb	Seattle Mariners	Oakland Athletics	UNDER	1.90	203
1511	2021-06-02	02:00	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	UNDER	1.90	203

In [23]:

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

Out[23]:

		hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
18	825	17:00	2021-06- 02	/soccer/romania/liga-1/fc-hermannstadt-mioveni	FC Hermannstadt	Mioveni	1.57	4.02	5.71	TEAM1

In [24]:

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

Out[24]:

date hora sport area league team1 team2 objetivo odd m_criterio

In [25]:

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

Out[25]:

OVER UNDER

In [26]:

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

Out[26]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2308	2021-06- 02	18:00	soccer	sweden	division-1- sodra	Linkoping City	Atvidabergs	3.75	1.34	100	0.092428
2294	2021-06- 02	00:05	baseball	usa	mlb	Baltimore Orioles	Minnesota Twins	11.00	1.45	100	0.469707
2295	2021-06- 02	00:05	baseball	usa	mlb	New York Yankees	Tampa Bay Rays	9.50	1.45	100	0.734717
2296	2021-06- 02	00:10	baseball	usa	mlb	Cincinnati Reds	Philadelphia Phillies	9.50	1.44	100	0.590950
2297	2021-06- 02	00:40	baseball	usa	mlb	Milwaukee Brewers	Detroit Tigers	9.50	1.43	100	0.402132
2298	2021-06- 02	01:05	baseball	usa	mlb	Chicago Cubs	San Diego Padres	10.00	1.42	100	0.605259
2299	2021-06- 02	01:10	baseball	usa	mlb	Kansas City Royals	Pittsburgh Pirates	10.50	1.41	100	0.707617
2300	2021-06- 02	01:40	baseball	usa	mlb	Colorado Rockies	Texas Rangers	11.50	1.45	100	0.579337
2301	2021-06- 02	02:45	baseball	usa	mlb	San Francisco Giants	Los Angeles Angels	9.00	1.37	100	0.520092
2302	2021-06- 02	03:10	baseball	usa	mlb	Seattle Mariners	Oakland Athletics	10.00	1.38	100	0.598762
2303	2021-06- 02	03:10	baseball	usa	mlb	Los Angeles Dodgers	St.Louis Cardinals	10.50	1.40	100	0.560133
2304	2021-06- 02	18:10	baseball	usa	mlb	Cleveland Indians	Chicago White Sox	10.50	1.44	100	0.791475
2305	2021-06- 02	00:30	basketball	usa	nba	Brooklyn Nets	Boston Celtics	239.50	1.58	100	0.557496
2306	2021-06- 02	02:00	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	231.00	1.58	100	0.554958
2307	2021-06- 02	03:00	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	214.00	1.59	100	0.611095

In [27]:

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

Out[27]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
448	2021-06-02	00:05	baseball	usa	mlb	Baltimore Orioles	Minnesota Twins	1.5	1.9	100	0.660922
449	2021-06-02	00:07	baseball	usa	mlb	Toronto Blue Jays	Miami Marlins	-1.0	1.9	100	0.762258
450	2021-06-02	01:10	baseball	usa	mlb	Houston Astros	Boston Red Sox	-1.0	1.9	100	0.742773
451	2021-06-02	02:45	baseball	usa	mlb	San Francisco Giants	Los Angeles Angels	-1.0	1.9	100	0.693564
452	2021-06-02	18:10	baseball	usa	mlb	Cleveland Indians	Chicago White Sox	1.5	1.9	100	0.714452
445	2021-06-02	00:30	basketball	usa	nba	Brooklyn Nets	Boston Celtics	-12.5	1.9	100	0.414289
446	2021-06-02	02:00	basketball	usa	nba	Denver Nuggets	Portland Trail Blazers	-2.0	1.9	100	0.567651
447	2021-06-02	03:00	basketball	usa	nba	Phoenix Suns	Los Angeles Lakers	-4.5	1.9	100	0.596996

NBA

In [28]:

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

Out[28]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1011	00:30	2021- 06-02	/basketball/usa/nba/brooklyn-nets- boston-celti	Brooklyn Nets	Boston Celtics	1.11	0.0	7.22	0.672050
1012	02:00	2021- 06-02	/basketball/usa/nba/denver-nuggets- portland-tr	Denver Nuggets	Portland Trail Blazers	1.79	0.0	2.08	0.578180
1013	03:00	2021- 06-02	/basketball/usa/nba/phoenix-suns-los-angeles-l	Phoenix Suns	Los Angeles Lakers	1.52	0.0	2.66	0.509954

NBA CLUSTER FALLO

In [29]:

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

Out[29]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

NBA FALLO SIN FILTRO

In [30]:

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

Out[30]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
631	0:0	2021-06-02	basketball/usa_nba	Denver Nuggets	Portland Trail Blazers	1.79	0	2.06	2
632	0:0	2021-06-02	basketball/usa_nba	Phoenix Suns	Los Angeles Lakers	1.53	0	2.62	2

MLB FALLO

In [31]:

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

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
20	0:0	2021-06-02	baseball/usa_mlb	San Francisco	Los Angeles	1.6	0	2.45	2

In [32]:

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

Out[32]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
932	00:30	2021- 06-02	/hockey/usa/nhl/carolina-hurricanes- tampa-bay	Carolina Hurricanes	Tampa Bay Lightning	2.42	4.09	2.54	0.51983

MLB

In [33]:

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

Out[33]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

SOCCER

In [34]:

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

Out[34]:

 $hora \quad date \quad area_league \quad team1 \quad team2 \quad team1_odds \quad draw_odds \quad team2_odds \quad objetivo \quad draw_odds \quad draw_od$

SOCCER CLUSTER FALLO

In [35]:

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

Out[35]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

SOCCER EMPATE SECUENCIA

In [36]:

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

Out[36]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
787	17:00	2021-06- 02	soccer/romania_liga-1	FC Hermannstadt	Mioveni	1.57	4.02	5.71	3-FC Hermannstadt- 0.13
788	14:00	2021-06-	soccer/tanzania_ligi-kuu-	Namungo	Tanzania	2.29	2.63	3.56	7-Tanzania

U2 para Prisons Prisons Prisons-U.2
hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

MILAN - más negativo -77

```
In [37]:
```

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

Out[37]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
695	16:00	2021-06- 02	soccer/south-africa_premier- league	Baroka	Orlando Pirates	4.21	3.25	1.87	FALLO-3-Baroka 0.42
696	16:00	2021-06- 02	soccer/south-africa_premier- league	Supersport Utd	Maritzburg Utd	2.14	3.12	3.41	FAVORITO-2- Supersport Utd 0.42

CRB - más positivo .49

```
In [38]:
```

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

Out[38]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
117	20:00	2021-06-02	soccer/spain_laliga2	Girona	Almeria	2.78	2.86	2.91	FALLO-1-Almeria-0.49

LIGA MX

```
In [39]:
```

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

Out[39]:

date hora sport area league team1 team2 objetivo outcome odd m_criterio

NFL

```
In [40]:
```

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

Out[40]:

date hora sport area league team1 team2 objetivo outcome odd m_criterio

HOCKEY

```
In [41]:
```

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

```
Out[41]:
```

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

Daily predictions machin3.

```
In [42]:
```

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

Out[42]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

```
In [43]:
```

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

Out[43]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8319	18:00	2021- 06-02	/soccer/world/club-friendly/gleisdorf- weinland	Gleisdorf (Aut)	Weinland Gamlitz (Aut)	1.11	7.88	12.25	0.525719
8317	15:00	2021- 06-02	/soccer/world/club-friendly/levanger-rosenborg	Levanger (Nor)	Rosenborg 2 (Nor)	2.05	4.07	2.81	0.525719
8318	15:30	2021- 06-02	/soccer/world/club-friendly/skeid- stabaek-jTHB	Skeid (Nor)	Stabaek (Nor)	7.87	5.90	1.27	0.525719
8320	19:00	2021- 06-02	/soccer/world/club-friendly/telfs- zams-ERSpeqJI/	Telfs (Aut)	Zams (Aut)	1.26	5.16	9.29	0.525719
8316	16:00	2021- 06-02	/soccer/norway/obos-ligaen/ranheim- start-dAzum	Ranheim	Start	2.27	3.53	2.91	0.446583
8315	18:00	2021- 06-02	/soccer/sweden/division-1- sodra/linkoping-city	Linkoping City	Atvidabergs	3.57	3.71	1.90	0.423203

EXPERIMENTAL

Daily model 53

```
In [44]:
```

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

Out[44]:

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

```
In [45]:
```

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_50")
dsp.daily prediction(df prediccion)
Out[45]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
Daily predictions machin4 EMPATE
In [46]:
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin4")
dsp.daily_prediction(df_prediccion)
Out[46]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
Daily predictions machin5
In [47]:
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin5")
dsp.daily_prediction(df_prediccion)
Out[47]:
  hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
In [ ]:
```