```
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
43	16/06/2021	18:07	baseball	usa	mlb	Toronto Blue Jays	New York Yankees	1.5	1.9	100	Toronto Blue Jays
44	16/06/2021	18:10	baseball	usa	mlb	Cleveland Indians	Baltimore Orioles	7.5	1.9	100	OVER

```
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
95	12:30	17/06/2021	soccer/faroe-islands_premier-league	HB Torshavn	TB Tvoroyri	1.04	14.0	27.25	2-HB Torshavn--0.62

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

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
97	16/06/2021	18:10	baseball	usa	mlb	Cleveland Indians	Baltimore Orioles	7.5	1.9	100	OVER

In [6]:

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

Out[6]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

In [7]:

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

Out[7]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

In [8]:

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

Out[8]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
121	16/06/2021	18:07	baseball	usa	mlb	Toronto Blue Jays	New York Yankees	1.5	1.9	100	Toronto Blue Jays
123	16/06/2021	18:30	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	7.5	1.9	100	Atlanta Hawks

In [9]:

```python
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]:

```python
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]:

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

Out[11]:

date	hora	sport	area	league	team1	team2	objetivo	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]:

hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc

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
890	17/06/2021	10:00	soccer	egypt	premier-league	El Ismaily	Ghazl El Mahallah	X1	1.68	268.0
889	17/06/2021	13:00	soccer	uruguay	primera-division	Plaza Colonia	Liverpool M.	X2	2.37	375.0
888	17/06/2021	17:00	soccer	brazil	serie-b	Londrina	Botafogo RJ	X2	2.35	100.0

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)
```

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
2457	12:30	17/06/2021	/soccer/faroe-islands/premier-league/hb-torsha...	HB Torshavn	TB Tvoroyri	1.04	14.0	27.25	TEAM1

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]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

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

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]:

```
In [21]:
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[21]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1700	2021-06-17	23:00	soccer	brazil	serie-b	Londrina	Botafogo RJ	X2	1.000000	2.35	100
1701	2021-06-17	01:10	baseball	usa	mlb	Houston Astros	Texas Rangers	UNDER	0.526144	1.90	100
1702	2021-06-17	02:45	baseball	usa	mlb	San Francisco Giants	Arizona Diamondbacks	UNDER	0.572154	1.90	100
1703	2021-06-17	00:30	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	OVER	0.614947	1.90	100
1704	2021-06-17	03:00	basketball	usa	nba	Utah Jazz	Los Angeles Clippers	OVER	0.609484	1.90	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
1558	2021-06-17	23:00	soccer	brazil	serie-b	Londrina	Botafogo RJ	TEAM2	2.35	152
1554	2021-06-17	16:00	soccer	egypt	premier-league	El Ismaily	Ghazl El Mahallah	TEAM1	1.68	268
1556	2021-06-17	18:30	soccer	faroe-islands	premier-league	HB Torshavn	TB Tvoroyri	TEAM1	1.04	175
1557	2021-06-17	01:10	baseball	usa	mlb	Houston Astros	Texas Rangers	UNDER	1.90	175
1555	2021-06-17	14:00	soccer	zambia	super-league	ZESCO	Green Eagles	TEAM1	1.59	229

```
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
1842	16:00	2021-06-17	/soccer/egypt/premier-league/el-ismaily-ghazl-...	El Ismaily	Ghazl El Mahallah	1.68	3.29	5.58	TEAM1
1843	14:00	2021-06-17	/soccer/zambia/super-league/zesco-green-eagles...	ZESCO	Green Eagles	1.59	3.63	5.10	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")
```

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

Out[25]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

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
2432	2021-06-17	00:10	baseball	usa	mlb	New York Mets	Chicago Cubs	8.5	1.39	100	0.707482
2433	2021-06-17	00:10	baseball	usa	mlb	Cleveland Indians	Baltimore Orioles	9.5	1.44	100	0.706604
2434	2021-06-17	01:10	baseball	usa	mlb	Houston Astros	Texas Rangers	11.0	1.42	100	0.526144
2435	2021-06-17	02:45	baseball	usa	mlb	San Francisco Giants	Arizona Diamondbacks	10.0	1.38	100	0.572154
2436	2021-06-17	03:10	baseball	usa	mlb	Seattle Mariners	Minnesota Twins	10.5	1.44	100	0.809715
2437	2021-06-17	03:10	baseball	usa	mlb	Los Angeles Dodgers	Philadelphia Phillies	9.0	1.37	100	0.601828
2438	2021-06-17	00:30	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	229.5	1.57	100	0.614947
2439	2021-06-17	03:00	basketball	usa	nba	Utah Jazz	Los Angeles Clippers	225.5	1.58	100	0.609484

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
520	2021-06-17	00:07	baseball	usa	mlb	Toronto Blue Jays	New York Yankees	1.50	1.9	100	0.197086
521	2021-06-17	00:20	baseball	usa	mlb	Atlanta Braves	Boston Red Sox	-1.00	1.9	100	0.363946
522	2021-06-17	03:10	baseball	usa	mlb	Seattle Mariners	Minnesota Twins	1.00	1.9	100	0.522344
518	2021-06-17	00:30	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	-7.50	1.9	100	0.370912
519	2021-06-17	03:00	basketball	usa	nba	Utah Jazz	Los Angeles Clippers	-8.00	1.9	100	0.603107
517	2021-06-17	02:00	hockey	usa	nhl	Vegas Golden Knights	Montreal Canadiens	-1.25	1.9	100	0.516026

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
1039	00:30	2021-06-17	/basketball/usa/nba/philadelphia-76ers-atlanta...	Philadelphia 76ers	Atlanta Hawks	1.32	0.0	3.53	0.518139
1040	03:00	2021-06-17	/basketball/usa/nba/utah-jazz-los-angeles-clip...	Utah Jazz	Los Angeles Clippers	1.29	0.0	3.77	0.597194

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

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

NHL

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
952	02:00	2021-06-17	/hockey/usa/nhl/vegas-golden-knights-montreal-...	Vegas Golden Knights	Montreal Canadiens	1.63	4.57	4.52	0.595673

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	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

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

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
719	01:30	2021-06-17	soccer/brazil_serie-a	Juventude	Palmeiras	5.21	3.57	1.71	FALLO-1-Palmeiras--0.26
720	20:00	2021-06-17	soccer/brazil_serie-a	Ceara	Bahia	2.68	3.00	2.87	FALLO-2-Bahia--0.04
721	23:00	2021-06-17	soccer/brazil_serie-a	Sport Recife	Gremio	3.90	3.43	1.96	FAVORITO-2-Sport Recife--0.59

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
141	00:30	2021-06-17	soccer/brazil_serie-a	Corinthians	Bragantino	2.57	3.03	2.98	FALLO-3-Corinthians-0.27
143	00:30	2021-06-17	soccer/brazil_serie-a	Corinthians	Bragantino	2.57	3.03	2.98	FALLO-2-Bragantino-0.16
142	23:00	2021-06-17	soccer/brazil_serie-a	Fluminense	Santos	2.07	3.30	3.71	FALLO-1-Fluminense-0.22

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
823	16:00	2021-06-17	/soccer/belarus/vysshaya-liga/fc-minsk-energet...	FC Minsk	Energetik-BGU	2.77	3.41	2.37	TEAM1
824	18:00	2021-06-17	/soccer/belarus/vysshaya-liga/neman-slavia-moz...	Neman	Slavia Mozyr	1.63	3.98	4.75	TEAM1

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [43]:

```python
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
8431	18:30	2021-06-17	/soccer/faroe-islands/premier-league/hb-torsha...	HB Torshavn	TB Tvoroyri	1.04	14.0	27.25	0.743166

EXPERIMENTAL

Daily model 53

In [44]:

```python
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]:

```python
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
9809	20:00	2021-06-17	/soccer/brazil/serie-a/ceara-bahia-rijgiRRa/	Ceara	Bahia	2.68	3.00	2.87	TEAM1
9812	01:30	2021-06-17	/soccer/brazil/serie-a/esporte-clube-juventude...	Juventude	Palmeiras	5.21	3.57	1.71	TEAM1
9810	23:00	2021-06-17	/soccer/brazil/serie-a/fluminense-santos-xj7Aa...	Fluminense	Santos	2.07	3.30	3.71	TEAM1
9804	23:00	2021-06-17	/soccer/brazil/serie-b/londrina-botafogo-rj-va...	Londrina	Botafogo RJ	3.28	2.91	2.35	DRAW
9805	01:30	2021-06-17	/soccer/brazil/serie-b/ponte-preta-cruzeiro-Ya...	Ponte Preta	Cruzeiro	2.93	3.01	2.52	TEAM1

Daily predictions machin4 EMPATE

In [46]:

```python
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

```
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 [ ]:

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

Out[47]: