In [1]:

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

Daily selection

In [2]:

```python
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
6	02/06/2021	18:30	basketball	usa	nba	New York Knicks	Atlanta Hawks	208.5	1.9	100	UNDER
7	02/06/2021	19:40	baseball	usa	mlb	Colorado Rockies	Texas Rangers	11	1.9	100	UNDER
5	02/06/2021	21:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	7.5	1.9	100	Dallas Mavericks

In [3]:

```python
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]:

```python
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
172	02/06/2021	18:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	229.0	1.9	100	OVER
171	02/06/2021	18:30	basketball	usa	nba	New York Knicks	Atlanta Hawks	208.5	1.9	100	UNDER
173	02/06/2021	20:30	basketball	usa	nba	Utah Jazz	Memphis Grizzlies	226.0	1.9	100	OVER
174	02/06/2021	21:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	217.0	1.9	100	OVER

In [5]:

```python
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
58	02/06/2021	19:40	baseball	usa	mlb	Colorado Rockies	Texas Rangers	11.0	1.9	100	UNDER

In [6]:
```
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]:
```
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]:
```
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
103	02/06/2021	21:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	7.5	1.9	100	Dallas Mavericks

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)
```

```
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
856	03/06/2021	14:00	soccer	spain	laliga2	Rayo Vallecano	Leganes	X1	2.61	248.0

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)
```

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]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
251	00:30	2021-06-03	/basketball/usa/nba/new-york-knicks-atlanta-ha...	New York Knicks	Atlanta Hawks	1.87	0.0	1.98	0.47766

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]:

```
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
1664	2021-06-03	02:10	baseball	usa	mlb	Los Angeles Dodgers	St.Louis Cardinals	UNDER	0.595024	1.9	100
1665	2021-06-03	00:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	OVER	0.563789	1.9	100
1666	2021-06-03	00:30	basketball	usa	nba	New York Knicks	Atlanta Hawks	OVER	0.654089	1.9	100
1667	2021-06-03	02:30	basketball	usa	nba	Utah Jazz	Memphis Grizzlies	OVER	0.571805	1.9	100
1668	2021-06-03	03:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	OVER	0.588429	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

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

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]:

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
2309	2021-06-03	00:07	baseball	usa	mlb	Toronto Blue Jays	Miami Marlins	10.5	1.42	100	0.361643
2310	2021-06-03	00:20	baseball	usa	mlb	Atlanta Braves	Washington Nationals	12.0	1.42	100	0.440194
2311	2021-06-03	01:10	baseball	usa	mlb	Houston Astros	Boston Red Sox	11.0	1.38	100	0.433489
2312	2021-06-03	01:40	baseball	usa	mlb	Colorado Rockies	Texas Rangers	13.0	1.47	100	0.632039
2313	2021-06-03	02:10	baseball	usa	mlb	Los Angeles Dodgers	St.Louis Cardinals	10.0	1.42	100	0.595024
2314	2021-06-03	03:10	baseball	usa	mlb	Seattle Mariners	Oakland Athletics	10.5	1.41	100	0.651469
2315	2021-06-03	00:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	234.0	1.59	100	0.563789
2316	2021-06-03	00:30	basketball	usa	nba	New York Knicks	Atlanta Hawks	213.5	1.57	100	0.654089
2317	2021-06-03	02:30	basketball	usa	nba	Utah Jazz	Memphis Grizzlies	231.0	1.57	100	0.571805
2318	2021-06-03	03:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	222.0	1.60	100	0.588429
2319	2021-06-03	03:00	hockey	usa	nhl	Colorado Avalanche	Vegas Golden Knights	6.5	1.41	100	0.248204

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
458	2021-06-03	00:05	baseball	usa	mlb	Baltimore Orioles	Minnesota Twins	1.00	1.9	100	0.714452
459	2021-06-03	01:10	baseball	usa	mlb	Houston Astros	Boston Red Sox	-1.00	1.9	100	0.577779
454	2021-06-03	00:00	basketball	usa	nba	Philadelphia 76ers	Washington Wizards	-6.00	1.9	100	0.567651
455	2021-06-03	00:30	basketball	usa	nba	New York Knicks	Atlanta Hawks	-1.00	1.9	100	0.481595
456	2021-06-03	02:30	basketball	usa	nba	Utah Jazz	Memphis Grizzlies	-9.50	1.9	100	0.596996
457	2021-06-03	03:00	basketball	usa	nba	Los Angeles Clippers	Dallas Mavericks	-7.50	1.9	100	0.655653
453	2021-06-03	03:00	hockey	usa	nhl	Colorado Avalanche	Vegas Golden Knights	-0.75	1.9	100	0.663097

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
1017	03:00	2021-06-03	/basketball/usa/nba/los-angeles-clippers-dalla...	Los Angeles Clippers	Dallas Mavericks	1.30	0.0	3.69	0.548756
1015	00:30	2021-06-03	/basketball/usa/nba/new-york-knicks-atlanta-ha...	New York Knicks	Atlanta Hawks	1.87	0.0	1.98	0.477660
1014	00:00	2021-06-03	/basketball/usa/nba/philadelphia-76ers-washing...	Philadelphia 76ers	Washington Wizards	1.42	0.0	2.99	0.597333
1016	02:30	2021-06-03	/basketball/usa/nba/utah-jazz-memphis-grizzlie...	Utah Jazz	Memphis Grizzlies	1.20	0.0	4.78	0.576942

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
934	03:00	2021-06-03	/hockey/usa/nhl/colorado-avalanche-vegas-golde...	Colorado Avalanche	Vegas Golden Knights	1.82	4.38	3.66	0.630629
933	00:30	2021-06-03	/hockey/usa/nhl/winnipeg-jets-montreal-canadie...	Winnipeg Jets	Montreal Canadiens	2.06	4.18	3.04	0.581285

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

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

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
8321	18:00	2021-06-03	/soccer/sweden/division-1-sodra/skovde-assyris...	Skovde AIK	Assyriska IK	1.58	4.30	4.70	0.537059
8323	15:00	2021-06-03	/soccer/world/club-friendly/sak-klagenfurt-sv-...	SAK Klagenfurt (Aut)	SV Spittal (Aut)	2.95	4.14	1.96	0.525719
		2021-	/soccer/world/club-	Strommen					
```

| | hora | date | area_league | team1 | team2 | team1_odds | draw_odds | team2_odds | objetivo |
|---|---|---|---|---|---|---|---|---|---|
| 8324 | 16:00 | 2021-06-03 | /soccer/world/club-friendly/strommen-moss-nork | Strommen (Nor) | Moss (Nor) | 1.44 | 4.96 | 5.28 | 0.525719 |
| 8322 | 18:00 | 2021-06-03 | /soccer/sweden/division-1-norra/sylvia-brommap... | Sylvia | Brommapojkarna | 4.55 | 4.41 | 1.58 | 0.428079 |

# 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 [ ]: