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
113	06/07/2021	18:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	7	1.90	100	OVER
112	06/07/2021	20:00	basketball	usa	nba	Phoenix Suns	Milwaukee Bucks	219	1.90	100	UNDER
110	07/07/2021	17:00	soccer	brazil	serie-a	Atletico-MG	Flamengo RJ	0	1.90	100	Atletico-MG
111	07/07/2021	17:15	soccer	brazil	serie-a	Atletico GO	Sport Recife	TEAM1	1.89	100	TEAM1

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
202	06/07/2021	20:00	basketball	usa	nba	Phoenix Suns	Milwaukee Bucks	219.0	1.9	100	UNDER

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
144	06/07/2021	18:05	baseball	usa	mlb	Pittsburgh Pirates	Atlanta Braves	9.0	1.9	100	OVER
145	06/07/2021	18:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	7.0	1.9	100	OVER
146	06/07/2021	20:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	8.5	1.9	100	OVER

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
199	07/07/2021	17:00	soccer	brazil	serie-a	Atletico-MG	Flamengo RJ	0.0	1.9	100	Atletico-MG

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
115	07/07/2021	17:15	soccer	brazil	serie-a	Atletico GO	Sport Recife	TEAM1	1.89	100	TEAM1

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]:

```python
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]:

```python
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
4902	19:30	06/07/2021	soccer@brazil	serie-b	CRB	Botafogo RJ	2.95	3.09	2.43	DRAW	-18.348634	51
4905	16:00	07/07/2021	soccer@brazil	serie-a	Bahia	Juventude	1.78	3.52	4.72	TEAM1	-15.146214	51
4906	17:00	07/07/2021	soccer@brazil	serie-a	Palmeiras	Gremio	1.88	3.39	4.31	TEAM1	458.001254	51
4908	17:15	07/07/2021	soccer@brazil	serie-a	Atletico GO	Sport Recife	1.89	3.36	4.34	TEAM1	244.974471	51

In [14]:

```python
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
931	06/07/2021	19:30	soccer	brazil	serie-b	CRB	Botafogo RJ	X2	2.43	100.0
932	07/07/2021	16:00	soccer	brazil	serie-a	Bahia	Juventude	X1	1.78	100.0
933	07/07/2021	17:00	soccer	brazil	serie-a	Palmeiras	Gremio	X1	1.88	100.0
934	07/07/2021	17:15	soccer	brazil	serie-a	Atletico GO	Sport Recife	X1	1.89	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)
```

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
280	02:00	2021-07-07	/basketball/usa/nba/phoenix-suns-milwaukee-buc...	Phoenix Suns	Milwaukee Bucks	1.43	0.0	2.94	0.54405

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
1747	2021-07-07	01:30	soccer	brazil	serie-b	CRB	Botafogo RJ	X2	1.000000	2.43	100
1748	2021-07-07	00:10	baseball	usa	mlb	Miami Marlins	Los Angeles Dodgers	UNDER	0.514368	1.90	100
1749	2021-07-07	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	UNDER	0.585149	1.90	100
1750	2021-07-07	02:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	UNDER	0.591568	1.90	100
1751	2021-07-07	02:00	basketball	usa	nba	Phoenix Suns	Milwaukee Bucks	OVER	0.657620	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
1647	2021-07-07	22:00	soccer	brazil	serie-a	Bragantino	Cuiaba	TEAM1	1.50	238
1651	2021-07-07	09:30	baseball	japan	npb	Yakult Swallows	Hanshin Tigers	TEAM1	1.95	140
1650	2021-07-07	10:00	baseball	japan	npb	Orix Buffaloes	Rakuten Gold. Eagles	TEAM1	2.14	147
1648	2021-07-07	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	UNDER	1.90	238
1649	2021-07-07	00:10	baseball	usa	mlb	Miami Marlins	Los Angeles Dodgers	UNDER	1.90	238

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
1897	22:00	2021-07-07	/soccer/brazil/serie-a/bragantino-cuiaba-A1vVW...	Bragantino	Cuiaba	1.5	4.13	6.8	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]:

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
2636	2021-07-07	00:05	baseball	usa	mlb	Pittsburgh Pirates	Atlanta Braves	11.0	1.41	100	0.711941
2637	2021-07-07	00:05	baseball	usa	mlb	Baltimore Orioles	Toronto Blue Jays	13.0	1.46	100	0.888239
2638	2021-07-07	00:10	baseball	usa	mlb	Miami Marlins	Los Angeles Dodgers	10.0	1.42	100	0.514368
2639	2021-07-07	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	9.0	1.37	100	0.585149
2640	2021-07-07	01:05	baseball	usa	mlb	Chicago Cubs	Philadelphia Phillies	12.0	1.46	100	0.854517
2641	2021-07-07	01:05	baseball	usa	mlb	Texas Rangers	Detroit Tigers	11.0	1.39	100	0.801943
2642	2021-07-07	01:10	baseball	usa	mlb	Houston Astros	Oakland Athletics	10.5	1.43	100	0.802445
2643	2021-07-07	01:10	baseball	usa	mlb	Kansas City Royals	Cincinnati Reds	11.5	1.48	100	0.804408
2644	2021-07-07	02:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	10.5	1.41	100	0.591568
2645	2021-07-07	03:10	baseball	usa	mlb	Seattle Mariners	New York Yankees	11.5	1.44	100	0.609245
2646	2021-07-07	02:00	basketball	usa	nba	Phoenix Suns	Milwaukee Bucks	224.0	1.59	100	0.657620

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
634	2021-07-07	22:00	soccer	brazil	serie-a	Fortaleza	America MG	-0.5	1.9	100	0.565887
635	2021-07-07	23:00	soccer	brazil	serie-a	Atletico-MG	Flamengo RJ	0.0	1.9	100	0.165146
636	2021-07-07	23:15	soccer	brazil	serie-a	Atletico GO	Sport Recife	-0.5	1.9	100	0.836155
638	2021-07-07	00:05	baseball	usa	mlb	Pittsburgh Pirates	Atlanta Braves	1.5	1.9	100	0.562568
639	2021-07-07	00:05	baseball	usa	mlb	Baltimore Orioles	Toronto Blue Jays	2.0	1.9	100	0.454014
640	2021-07-07	00:10	baseball	usa	mlb	Miami Marlins	Los Angeles Dodgers	1.0	1.9	100	0.378018
637	2021-07-07	02:00	basketball	usa	nba	Phoenix Suns	Milwaukee Bucks	-5.5	1.9	100	0.432205

NBA

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

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1058	02:00	2021-07-07	/basketball/usa/nba/phoenix-suns-milwaukee-buc...	Phoenix Suns	Milwaukee Bucks	1.43	0.0	2.94	0.54405

NBA CLUSTER FALLO

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

NBA FALLO SIN FILTRO

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

MLB FALLO

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

NHL

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

MLB

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER CLUSTER FALLO

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER EMPATE SECUENCIA

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

MILAN - más negativo -77

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

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
771	22:00	2021-07-07	soccer/brazil_serie-a	Bahia	Juventude	1.78	3.52	4.72	FAVORITO-1-Bahia--0.04
772	23:00	2021-07-	soccer/brazil_serie-	Palmeiras	Gremio	1.88	3.39	4.31	FAVORITO-1-Palmeiras--0.26

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
		07	a	Palmeiras	Gremio				FAVORITO-1-Palmeiras--0.20
773	23:00	2021-07-07	soccer/brazil_serie-a	Atletico-MG	Flamengo RJ	2.52	3.27	2.82	FAVORITO-2-Atletico-MG--0.09
774	23:15	2021-07-07	soccer/brazil_serie-a	Atletico GO	Sport Recife	1.89	3.36	4.34	FAVORITO-1-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
190	01:30	2021-07-07	soccer/brazil_serie-b	CRB	Botafogo RJ	2.95	3.09	2.43	FALLO-2-CRB-0.01

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)
```

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
8953	17:00	2021-07-07	/soccer/world/club-friendly/zenit-st-petersbur...	Zenit (Rus)	Werder Bremen (Ger)	1.71	4.0	4.5	0.149584

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
10094	23:15	2021-07-07	/soccer/brazil/serie-a/atletico-go-sport-recif...	Atletico GO	Sport Recife	1.89	3.36	4.34	TEAM1
10091	22:00	2021-07-07	/soccer/brazil/serie-a/bahia-esporte-clube-juv...	Bahia	Juventude	1.78	3.52	4.72	TEAM1
10092	23:00	2021-07-07	/soccer/brazil/serie-a/palmeiras-gremio-My6stJuK/	Palmeiras	Gremio	1.88	3.39	4.31	TEAM1
10088	01:30	2021-07-07	/soccer/brazil/serie-b/crb-botafogo-rj-ABclcsiH/	CRB	Botafogo RJ	2.95	3.09	2.43	DRAW

Daily predictions machin4 EMPATE

In [46]:

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

```
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 [ ]: