```
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
107	05/07/2021	18:10	baseball	usa	mlb	Tampa Bay Rays	Cleveland Indians	-1.5	1.90	100	Tampa Bay Rays
109	05/07/2021	19:05	baseball	usa	mlb	Texas Rangers	Detroit Tigers	9	1.90	100	UNDER
108	06/07/2021	17:30	soccer	brazil	serie-a	Santos	Athletico-PR	TEAM1	2.27	100	TEAM1

```
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
108	15:00	06/07/2021	soccer/iceland_urvalsdeild-women	Throttur W	Breidablik W	9.69	7.18	1.18	1-Breidablik W--1.12

```
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
140	05/07/2021	18:05	baseball	usa	mlb	Pittsburgh Pirates	Atlanta Braves	9.0	1.9	100	OVER
141	05/07/2021	19:05	baseball	usa	mlb	Texas Rangers	Detroit Tigers	9.0	1.9	100	UNDER
142	05/07/2021	21:10	baseball	usa	mlb	San Diego Padres	Washington Nationals	7.5	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
195	05/07/2021	18:10	baseball	usa	mlb	Tampa Bay Rays	Cleveland Indians	-1.50	1.9	100	Tampa Bay Rays
197	06/07/2021	17:30	soccer	brazil	serie-a	Santos	Athletico-PR	-0.25	1.9	100	Santos

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
113	06/07/2021	17:30	soccer	brazil	serie-a	Santos	Athletico-PR	TEAM1	2.27	100	TEAM1

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

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

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

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

```
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)
```

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
4897	17:00	06/07/2021	soccer@brazil	serie-b	Ponte Preta	Avai	2.66	2.86	2.87	TEAM1	-179.788909	51
4898	17:00	06/07/2021	soccer@brazil	serie-b	Cruzeiro	Coritiba	2.33	2.96	3.26	TEAM1	-284.050353	51
4901	17:30	06/07/2021	soccer@brazil	serie-a	Santos	Athletico-PR	2.27	3.04	3.46	TEAM1	-259.717468	51

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

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

NHL CLUSTER FALLO

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

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
279	16:00	2021-07-06	/soccer/lithuania/i-lyga/neptunas-fk-panevezys...	Neptunas	FK Panevezys 2	1.73	4.05	3.6	0.279568
278	13:00	2021-07-06	/soccer/lithuania/i-lyga/silas-fk-minija-8zs2T...	Silas	FK Minija	1.70	3.97	3.8	0.311206

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)
```

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
1745	2021-07-06	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	UNDER	0.501054	1.9	100
1746	2021-07-06	02:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	UNDER	0.580440	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
1644	2021-07-06	23:00	soccer	brazil	serie-b	Cruzeiro	Coritiba	TEAM2	3.26	254
1642	2021-07-06	19:00	soccer	iceland	urvalsdeild-women	Stjarnan W	Tindastoll W	TEAM1	1.52	195
1643	2021-07-06	16:15	soccer	iran	persian-gulf-pro-league	Esteghlal F.C.	Tractor	TEAM1	1.51	188
1646	2021-07-06	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	UNDER	1.90	181
1645	2021-07-06	02:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	UNDER	1.90	181

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
1895	19:00	2021-07-06	/soccer/iceland/urvalsdeild-women/stjarnan-tin...	Stjarnan W	Tindastoll W	1.52	4.16	5.22	TEAM1
1896	16:15	2021-07-06	/soccer/iran/persian-gulf-pro-league/esteghlal...	Esteghlal F.C.	Tractor	1.51	3.36	7.54	TEAM1

In [24]:

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

Out[24]:

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
2630	2021-07-06	00:05	baseball	usa	mlb	Pittsburgh Pirates	Atlanta Braves	11.0	1.43	100	0.681014
2631	2021-07-06	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	9.5	1.41	100	0.501054
2632	2021-07-06	01:05	baseball	usa	mlb	Texas Rangers	Detroit Tigers	11.0	1.42	100	0.749840
2633	2021-07-06	01:10	baseball	usa	mlb	Kansas City Royals	Cincinnati Reds	12.0	1.45	100	0.827397
2634	2021-07-06	02:38	baseball	usa	mlb	Los Angeles Angels	Boston Red Sox	12.0	1.46	100	0.580440
2635	2021-07-06	03:10	baseball	usa	mlb	San Diego Padres	Washington Nationals	9.5	1.43	100	0.707373

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
629	2021-07-06	23:30	soccer	brazil	serie-a	Santos	Athletico-PR	-0.25	1.9	100	0.165146
630	2021-07-06	00:10	baseball	usa	mlb	Tampa Bay Rays	Cleveland Indians	-1.50	1.9	100	0.731739
631	2021-07-06	00:10	baseball	usa	mlb	New York Mets	Milwaukee Brewers	1.00	1.9	100	0.772802
632	2021-07-06	00:10	baseball	usa	mlb	Minnesota Twins	Chicago White Sox	1.00	1.9	100	0.694483
633	2021-07-06	01:05	baseball	usa	mlb	Chicago Cubs	Philadelphia Phillies	-1.00	1.9	100	0.562568

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

NBA CLUSTER FALLO

```
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
965	01:00	2021-07-06	/hockey/usa/nhl/montreal-canadiens-tampa-bay-l...	Montreal Canadiens	Tampa Bay Lightning	3.15	4.08	2.05	0.453101

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

```
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
189	23:30	2021-07-06	soccer/brazil_serie-a	Santos	Athletico-PR	2.27	3.04	3.46	FAVORITO-1-Athletico-PR-0.23

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
8941	15:00	2021-07-06	/soccer/world/club-friendly/wolfsburg-aue-EgRd...	Wolfsburg (Ger)	Aue (Ger)	1.29	5.62	8.05	0.848242
8940	14:00	2021-07-06	/soccer/world/club-friendly/arsenal-tula-spart...	Arsenal Tula (Rus)	Sparta Prague (Cze)	4.66	3.85	1.64	0.525719
8950	19:45	2021-07-06	/soccer/world/club-friendly/weston-super-mare-	Weston-super-Mare (Eng)	Exeter (Eng)	3.02	3.73	2.07	0.525719

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
		07-06	friendly/weston-super-mare-...	Mare (Eng)					
8949	19:45	2021-07-06	/soccer/world/club-friendly/walton-casuals-cra...	Walton Casuals (Eng)	Crawley (Eng)	7.20	5.21	1.33	0.525719
8946	17:30	2021-07-06	/soccer/world/club-friendly/traiskirchen-fc-ma...	Traiskirchen (Aut)	Mauerwerk (Aut)	1.57	5.07	4.01	0.525719
8948	19:00	2021-07-06	/soccer/world/club-friendly/sv-heinenoord-exce...	SV Heinenoord (Ned)	Excelsior (Ned)	17.00	10.00	1.06	0.525719
8939	13:00	2021-07-06	/soccer/world/club-friendly/st-gilloise-deinze...	St. Gilloise (Bel)	Deinze (Bel)	1.50	4.36	5.38	0.525719
8947	18:00	2021-07-06	/soccer/world/club-friendly/sc-farense-varzim-...	SC Farense (Por)	Varzim (Por)	1.69	3.70	4.34	0.525719
8951	19:45	2021-07-06	/soccer/world/club-friendly/nuneaton-burton-ri...	Nuneaton (Eng)	Burton (Eng)	7.61	5.41	1.29	0.525719
8935	10:00	2021-07-06	/soccer/world/club-friendly/arka-gdynia-elblag...	Arka Gdynia (Pol)	Elblag (Pol)	1.41	4.88	5.89	0.525719
8937	11:00	2021-07-06	/soccer/world/club-friendly/jagiellonia-radomi...	Jagiellonia (Pol)	Radomiak Radom (Pol)	2.15	3.66	2.88	0.525719
8942	16:30	2021-07-06	/soccer/world/club-friendly/heidenheim-ried-46...	Heidenheim (Ger)	Ried (Aut)	1.80	4.03	3.65	0.525719
8952	19:45	2021-07-06	/soccer/world/club-friendly/haringey-borough-r...	Haringey (Eng)	Royston (Eng)	2.46	3.77	2.32	0.525719
8934	09:15	2021-07-06	/soccer/world/club-friendly/fk-pardubice-zizko...	FK Pardubice (Cze)	Zizkov (Cze)	1.59	4.39	4.31	0.525719
8945	17:00	2021-07-06	/soccer/world/club-friendly/dijon-grenoble-OMe...	Dijon (Fra)	Grenoble (Fra)	2.11	3.30	3.09	0.525719
8938	13:00	2021-07-06	/soccer/world/club-friendly/basel-grasshoppers...	Basel (Sui)	Grasshoppers (Sui)	1.38	4.80	6.37	0.525719
8936	10:00	2021-07-06	/soccer/world/club-friendly/kortrijk-valencien...	Kortrijk (Bel)	Valenciennes (Fra)	1.89	3.64	3.46	0.525719
8944	17:00	2021-07-06	/soccer/world/club-friendly/gornik-z-omonia-OO...	Gornik Z. (Pol)	Omonia (Cyp)	3.20	3.78	1.96	0.170598
8943	17:00	2021-07-06	/soccer/world/club-friendly/vizela-braga-nsrXc...	Vizela (Por)	Braga (Por)	4.67	4.36	1.56	0.165489

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
10087	23:30	2021-07-06	/soccer/brazil/serie-a/santos-athletico-pr-40e...	Santos	Athletico-PR	2.27	3.04	3.46	TEAM1
10086	23:00	2021-07-06	/soccer/brazil/serie-b/cruzeiro-coritiba-xbata...	Cruzeiro	Coritiba	2.33	2.96	3.26	TEAM1

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
10085	23:00	2021-07-06	/soccer/brazil/serie-b/ponte-preta-avai-enrique07	Ponte Preta	Avai	2.66	2.86	2.87	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

In [47]:

```python
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 [ ]: