```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
79	27/06/2021	19:00	soccer	usa	mls	Austin FC	Columbus Crew	0	1.9	100	Columbus Crew
80	27/06/2021	19:30	basketball	usa	nba	Atlanta Hawks	Milwaukee Bucks	224	1.9	100	UNDER

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
198	27/06/2021	19:30	basketball	usa	nba	Atlanta Hawks	Milwaukee Bucks	224.0	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

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
164	27/06/2021	18:30	soccer	brazil	serie-a	America MG	Internacional	0.00	1.9	100	America MG
165	27/06/2021	18:30	soccer	brazil	serie-a	Sport Recife	Cuiaba	-0.25	1.9	100	Sport Recife
163	27/06/2021	19:00	soccer	usa	mls	Austin FC	Columbus Crew	0.00	1.9	100	Columbus Crew

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)
```

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
4668	14:15	28/06/2021	soccer@iceland	pepsideild	Akranes	Keflavik	2.73	3.83	2.27	TEAM1	-171.522906	56
4678	14:15	28/06/2021	soccer@iceland	pepsideild	Akranes	Keflavik	2.73	3.83	2.27	TEAM2	-171.522906	58

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
4675	13:00	28/06/2021	soccer@uruguay	primera-division	Plaza Colonia	Cerro Largo	2.16	3.11	3.43	TEAM1	264.139989
4668	14:15	28/06/2021	soccer@iceland	pepsideild	Akranes	Keflavik	2.73	3.83	2.27	TEAM1	-171.522906
4678	14:15	28/06/2021	soccer@iceland	pepsideild	Akranes	Keflavik	2.73	3.83	2.27	TEAM2	-171.522906
4676	15:15	28/06/2021	soccer@uruguay	primera-division	Montevideo City	Maldonado	1.76	3.51	4.49	TEAM1	77.625310
4680	15:15	28/06/2021	soccer@uruguay	primera-division	Montevideo City	Maldonado	1.76	3.51	4.49	TEAM2	77.625310

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
911	28/06/2021	08:00	soccer	kazakhstan	premier-league	Tobol	K. Almaty	X2	2.34	221.0
913	28/06/2021	10:00	soccer	kazakhstan	premier-league	Atyrau	Kaisar Kyzylorda	X1	1.95	139.0
912	28/06/2021	16:00	soccer	brazil	serie-b	Operario	Vila Nova FC	X1	1.80	100.0

NHI CLUSTER FALLO

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
271	01:30	2021-06-28	/basketball/usa/nba/atlanta-hawks-milwaukee-bu...	Atlanta Hawks	Milwaukee Bucks	2.59	0.0	1.54	0.571735

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
56	18:00	2021-06-28	/soccer/sweden/division-1-norra/haninge-sollen...	Haninge	Sollentuna	2.14	3.46	3.09	0.540281

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
1727	2021-06-28	01:30	basketball	usa	nba	Atlanta Hawks	Milwaukee Bucks	OVER	0.683423	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
1608	2021-06-28	00:00	soccer	brazil	serie-a	Athletico-PR	Chapecoense-SC	TEAM1	1.55	256
1609	2021-06-28	00:30	soccer	brazil	serie-a	Sport Recife	Cuiaba	TEAM1	2.33	184
1610	2021-06-28	18:30	soccer	jordan	premier-league	Al Jalil	Sahab	TEAM2	2.53	222
1611	2021-06-28	14:00	soccer	kazakhstan	premier-league	FK Akzhayik	Taraz	TEAM1	2.41	200
1612	2021-06-28	16:00	soccer	kazakhstan	premier-league	Atyrau	Kaisar Kyzylorda	TEAM1	1.95	139

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
1877	00:00	2021-06-28	/soccer/brazil/serie-a/athletico-pr-chapecoens...	Athletico-PR	Chapecoense-SC	1.55	3.68	7.37	TEAM1

In [24]:

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

```
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
2556	2021-06-28	00:08	baseball	usa	mlb	Los Angeles Dodgers	Chicago Cubs	10.0	1.41	100	0.464575
2557	2021-06-28	01:30	basketball	usa	nba	Atlanta Hawks	Milwaukee Bucks	229.0	1.56	100	0.683423

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
579	2021-06-28	00:00	soccer	brazil	serie-a	Gremio	Fortaleza	-0.50	1.9	100	0.797796
580	2021-06-28	00:30	soccer	brazil	serie-a	America MG	Internacional	0.00	1.9	100	0.819514
581	2021-06-28	00:30	soccer	brazil	serie-a	Sport Recife	Cuiaba	-0.25	1.9	100	0.373734
583	2021-06-28	23:40	baseball	usa	mlb	Cincinnati Reds	Philadelphia Phillies	-1.00	1.9	100	0.529424
578	2021-06-28	01:00	soccer	usa	mls	Austin FC	Columbus Crew	0.00	1.9	100	0.810001
582	2021-06-28	01:30	basketball	usa	nba	Atlanta Hawks	Milwaukee Bucks	4.50	1.9	100	0.384534

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
1052	01:30	2021-06-28	/basketball/usa/nba/atlanta-hawks-milwaukee-bu...	Atlanta Hawks	Milwaukee Bucks	2.59	0.0	1.54	0.571735

NBA CLUSTER FALLO

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

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
828	22:00	2021-06-28	soccer/brazil_serie-b	Operario	Vila Nova FC	1.80	3.27	4.76	4-Vila Nova FC-0.48
827	21:15	2021-06-28	soccer/uruguay_primera-division	Montevideo City	Maldonado	1.76	3.51	4.49	7-Montevideo City-0.04

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
747	00:30	2021-06-28	soccer/brazil_serie-a	Santos	Atletico-MG	2.81	3.13	2.64	FALLO-2-Atletico-MG--0.09
749	00:30	2021-06-28	soccer/brazil_serie-a	Sport Recife	Cuiaba	2.33	2.96	3.49	FAVORITO-2-Sport Recife--0.59
750	00:30	2021-06-28	soccer/brazil_serie-a	America MG	Internacional	2.74	2.97	2.85	FAVORITO-1-Internacional--0.33
748	18:00	2021-06-28	soccer/sweden_division-1-norra	Haninge	Sollentuna	2.14	3.46	3.09	FALLO-1-Sollentuna--0.09
751	01:00	2021-06-28	soccer/usa_mls	Austin FC	Columbus Crew	2.68	3.23	2.69	FAVORITO-3-Columbus Crew--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
168	00:30	2021-06-28	soccer/brazil_serie-b	CSA	Cruzeiro	3.05	2.85	2.55	FAVORITO-1-CSA-0.38
167	22:00	2021-06-28	soccer/brazil_serie-b	Operario	Vila Nova FC	1.80	3.27	4.76	FALLO-3-Operario-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
845	20:15	2021-06-28	/soccer/iceland/pepsideild/leiknir-reykjavik-v...	Leiknir	Vikingur Reykjavik	4.63	4.16	1.63	TEAM2

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
8649	18:00	2021-06-28	/soccer/sweden/division-1-norra/haninge-sollen...	Haninge	Sollentuna	2.14	3.46	3.09	0.540281
8653	19:45	2021-06-28	/soccer/world/club-friendly/bedford-biggleswad...	Bedford (Eng)	Biggleswade FC (Eng)	1.59	4.31	4.30	0.525719
8650	13:00	2021-06-28	/soccer/world/club-friendly/brondby-sonderjysk...	Brondby (Den)	Sonderjyske (Den)	1.83	3.74	3.66	0.525719
8652	17:00	2021-06-28	/soccer/world/club-friendly/cfr-cluj-ujpest-ny...	CFR Cluj (Rou)	Ujpest (Hun)	1.55	4.18	4.87	0.525719
8651	15:00	2021-06-28	/soccer/world/club-friendly/young-boys-xamax-6...	Young Boys (Sui)	Xamax (Sui)	1.24	6.31	8.19	0.525719
8648	02:00	2021-06-28	/soccer/usa/mls/fc-dallas-new-england-revoluti...	FC Dallas	New England Revolution	2.79	3.44	2.48	0.397281
8647	01:00	2021-06-28	/soccer/usa/mls/austin-fc-columbus-crew-AFF4aVCE/	Austin FC	Columbus Crew	2.68	3.23	2.69	0.227294

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
2038	20:15	2021-06-28	/soccer/iceland/pepsideild/akranes-keflavik-G8...	Akranes	Keflavik	2.73	3.83	2.27	TEAM1
2039	20:15	2021-06-28	/soccer/iceland/pepsideild/akranes-keflavik-G8...	Akranes	Keflavik	2.73	3.83	2.27	TEAM2

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
9974	00:30	2021-06-28	/soccer/brazil/serie-a/ceara-sao-paulo-40JhTKvH/	Ceara	Sao Paulo	2.95	3.10	2.55	TEAM1
9973	00:30	2021-06-28	/soccer/brazil/serie-a/santos-atletico-mg-674m...	Santos	Atletico-MG	2.81	3.13	2.64	TEAM1
9972	00:30	2021-06-28	/soccer/brazil/serie-a/sport-recife-cuiaba-dds...	Sport Recife	Cuiaba	2.33	2.96	3.49	TEAM1
9967	22:00	2021-06-28	/soccer/brazil/serie-b/operario-vila-nova-fc-G...	Operario	Vila Nova FC	1.80	3.27	4.76	TEAM1

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
9963	01:00	2021-06-28	/soccer/brazil/serie-b/vasco-brusque-EP3gtum9/	Vasco	Brusque	2.03	3.06	3.95	DRAW
9966	01:00	2021-06-28	/soccer/brazil/serie-b/vasco-brusque-EP3gtum9/	Vasco	Brusque	2.03	3.06	3.95	TEAM1
9962	20:15	2021-06-28	/soccer/iceland/pepsideild/akranes-keflavik-G8...	Akranes	Keflavik	2.73	3.83	2.27	TEAM1
9969	20:15	2021-06-28	/soccer/iceland/pepsideild/akranes-keflavik-G8...	Akranes	Keflavik	2.73	3.83	2.27	TEAM2

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 [ ]: