```
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
60	20/06/2021	18:08	baseball	usa	mlb	Atlanta Braves	St.Louis Cardinals	7.5	1.9	100	UNDER
57	20/06/2021	19:00	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	7	1.9	100	Atlanta Hawks
58	21/06/2021	12:00	soccer	sweden	superettan	Sundsvall	Vasteras SK	TEAM1	1.8	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
98	13:00	21/06/2021	soccer/iceland_urvalsdeild-women	Valur W	Thor/KA W	1.15	7.93	11.83	2-Valur W2.47

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
192	20/06/2021	19:00	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	215.0	1.9	100	OVER

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)
```

```
ouctoj.
          date hora
                      sport area league
                                            team1
                                                           team2 objetivo odd criterio outcome
104 20/06/2021 18:08 baseball
                                   mlb Atlanta Braves St.Louis Cardinals
                                                                     7.5 1.9
                                                                                100
                                                                                      UNDER
                           usa
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]:
                                                            team2 objetivo odd criterio
                       sport area league
                                                 team1
                                                            Atlanta
                                                                                           Atlanta
143 20/06/2021 19:00 basketball
                                    nba Philadelphia 76ers
                                                                       7.0 1.9
                             usa
                                                            Hawks
                                                                                           Hawks
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
                                            team1
                                                      team2 objetivo odd criterio outcome
                   sport
                            area
                                   league
72 21/06/2021 12:00 soccer sweden superettan Sundsvall Vasteras SK
                                                                                 TEAM1
```

df prediction = dsp load data(thl="thl prediction premium model soccer")

In [11]:

```
at breatoctou - asb.toad acca (cst - cst breatoctou bremtam modet soccet
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 au
                                             Vikingur
                                                         KR
 4488 14:15 21/06/2021 soccer@iceland pepsideild
                                                                   2.61
                                                                             3.46
                                                                                        2.54
                                                                                              TEAM2 143.342794
                                            Reykjavik
                                                    Reykjavik
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
                                             team1
                                                      team2 team1_odds draw_odds team2_odds objetivo
                                                                                                        Rating au
                             area
                                   league
                                  premier-
                                                                             3.09
                                                                                        2.23 TEAM1 223.91243
 4495 13:45 21/06/2021 soccer@ireland
                                          Bohemians
                                                                   3.41
                                   division
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
896 20/06/2021 18:30 soccer
                                        serie-b
                                                   CSA Londrina
                                                                    X2 4.15
                                                                                100.0
                            brazil
 897 21/06/2021 13:45 soccer ireland premier-division Drogheda Dundalk
                                                                    X2 2.07
                                                                                249.0
```

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
2472	13:45	21/06/2021	/soccer/ireland/premier-division/st-patricks-f	St. Patricks	Finn Harps	1.57	3.84	5.85	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]:

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
1711	2021-06-21	00:30	soccer	brazil	serie-b	CSA	Londrina	X2	1.000000	4.15	100
1712	2021-06-21	80:00	baseball	usa	mlb	Atlanta Braves	St.Louis Cardinals	UNDER	0.560709	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
1578	2021-06-21	00:30	soccer	brazil	serie-a	Juventude	Sport Recife	TEAM2	3.15	232
1574	2021-06-21	19:45	soccer	ireland	premier-division	St. Patricks	Finn Harps	TEAM1	1.57	212
1575	2021-06-21	15:30	soccer	latvia	optibet-virsliga	FK Liepaja	BFC Daugavpils	TEAM1	1.43	115
1577	2021-06-21	80:00	baseball	usa	mlb	Atlanta Braves	St.Louis Cardinals	UNDER	1.90	170
1576	2021-06-21	22:10	baseball	usa	mlb	New York Mets	Atlanta Braves	TEAM2	1.71	271

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
Ī	1854	19:45	2021-06- 21	/soccer/ireland/premier-division/st-patricks-f	St. Patricks	Finn Harps	1.57	3.84	5.85	TEAM1
	1855	15:30	2021-06- 21	/soccer/latvia/optibet-virsliga/fk-liepaja- bfc	FK Liepaja	BFC Daugavpils	1.43	4.34	5.75	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
2484	2021-06-21	19:45	soccer	ireland	premier-division	Drogheda	Dundalk	3.50	1.34	100	0.366764
2485	2021-06-21	19:45	soccer	ireland	premier-division	St. Patricks	Finn Harps	3.25	1.28	100	0.682765
2486	2021-06-21	19:45	soccer	ireland	premier-division	Longford	Waterford	3.25	1.29	100	0.862324
2480	2021-06-21	80:00	baseball	usa	mlb	Atlanta Braves	St.Louis Cardinals	9.50	1.83	100	0.560709
2482	2021-06-21	22:10	baseball	usa	mlb	New York Mets	Atlanta Braves	6.50	1.87	100	0.472340
2483	2021-06-21	01:00	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	220.00	1.59	100	0.547089

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
549	2021-06-21	01:00	basketball	usa	nba	Philadelphia 76ers	Atlanta Hawks	-7.0	1.9	100	0.730752
548	2021-06-21	01:00	hockey	usa	nhl	Montreal Canadiens	Vegas Golden Knights	0.5	1.9	100	0.465702

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
1046	01:00	2021- 06-21	/basketball/usa/nba/philadelphia-76ers-atlanta	Philadelphia 76ers	Atlanta Hawks	1.34	0.0	3.42	0.532833

NBA CLUSTER FALLO

In [29]:

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

Out[29]:

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
956	01:00	2021- 06-21	/hockey/usa/nhl/montreal-canadiens- vegas-golde	Montreal Canadiens	Vegas Golden Knights	3.35	4.14	1.95	0.510389

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]:

	ho	ora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
:	278 22:	:10 2	2021-06- 21	/baseball/usa/mlb/new-york-mets-atlanta-braves	New York Mets	Atlanta Braves	2.2	0	1.71	TEAM2

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
730	00:30	2021-06- 21	soccer/brazil_serie-a	Juventude	Sport Recife	2.43	3.03	3.15	FALLO-1-Sport Recife 0.59
731	18:00	2021-06- 21	soccer/sweden_superettan	Sundsvall	Vasteras SK	1.80	3.60	4.31	FALLO-1-Vasteras SK 0.26

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
151	00:30	2021-06-21	soccer/brazil_serie-b	CSA	Londrina	1.92	3.19	4.15	FALLO-3-CSA-0.38

LIGA MX

```
In [39]:
```

df prodication - dan load data/thl-"thl prodication machin my1")

```
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
83	1 00:30	2021-06- 21	/soccer/brazil/serie-b/csa-londrina- 2iwoF2IA/	CSA	Londrina	1.92	3.19	4.15	TEAM1
83	0 12:00	2021-06- 21	/soccer/tanzania/ligi-kuu-bara/kinondoni- mc-mt	Kinondoni MC	Mtibwa Sugar	1.82	3.08	4.68	TEAM1

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
8498	19:45	2021- 06-21	/soccer/ireland/premier-division/st-patricks-f	St. Patricks	Finn Harps	1.57	3.84	5.85	0.619625

8497	1 964 5	2021- 0 6219	/soccer/ireland/premier- division/drog illeda-taitu:	Drog and a	Dtershalts	team1_oଥ ିଶି ଞ	draw_oଧିଶିଞ୍ଚ	team2_oଧିଷିଟ୍ର	059065
8502	18:00	2021- 06-21	/soccer/sweden/division-1-norra/taby-fk-hammar	Taby	Hammarby TFF	2.28	3.65	2.74	0.554658
8501	19:45	2021- 06-21	/soccer/ireland/premier-division/derry-city-sl	Derry City	Sligo Rovers	2.62	3.14	2.74	0.529634
8500	19:45	2021- 06-21	/soccer/ireland/premier-division/longford-wate	Longford	Waterford	2.21	3.26	3.28	0.513676
8499	19:45	2021- 06-21	/soccer/ireland/premier-division/bohemians-sha	Bohemians	Shamrock Rovers	3.41	3.09	2.23	0.500265

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
2019	20:15	2021- 06-21	/soccer/iceland/pepsideild/vikingur- reykjavik	Vikingur Reykjavik	KR Reykjavik	2.61	3.46	2.54	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
9876	00:30	2021- 06-21	/soccer/brazil/serie-a/esporte-clube- juventude	Juventude	Sport Recife	2.43	3.03	3.15	TEAM1
9872	00:30	2021- 06-21	/soccer/brazil/serie-b/csa-londrina- 2iwoF2IA/	CSA	Londrina	1.92	3.19	4.15	DRAW
9875	20:15	2021- 06-21	/soccer/iceland/pepsideild/vikingur- reykjavik	Vikingur Reykjavik	KR Reykjavik	2.61	3.46	2.54	TEAM2

Daily predictions machin4 EMPATE

In [46]:

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

Out[46]:

 $hora \quad date \quad area_league \quad team1 \quad team2 \quad team1_odds \quad draw_odds \quad team2_odds \quad objetivo$

Daily predictions machin5

In [47]:

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

		cion)				
Out[47]:						
hora date area_league	e team1 team2	team1_odds	draw_odds	team2_odds	objetivo	
[n []:						