```
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
114 07/07/2021 19:00
                                                             Orlando City
                                                                                           Chicago Fire
                     soccer
                                   mls
                                              Chicago Fire
                                                                          -0.25
                                                                                1.9
                                                                                       100
115 07/07/2021 21:00
                                                                                                OVER
                     soccer
                            usa
                                   mls
                                       Vancouver Whitecaps
                                                            Real Salt Lake
                                                                           2.5 1.9
                                                                                       100
116 07/07/2021 21:10 baseball
                                           Seattle Mariners New York Yankees
                                                                           8.5 1.9
                                                                                       100
                                                                                               UNDER
                                   mlb
                            usa
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
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]:
```

date hora sport area league team1 team2 objetivo odd criterio outcome

148 07/07/2021 21:10 baseball usa mlb Seattle Mariners New York Yankees 8.5 1.9 100 UNDER

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]:

```
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 obietivo odd criterio outcome
 132 07/07/2021 18:00 soccer
                           usa
                                  mls New England Revolution
                                                           Toronto FC
                                                                         3.25
                                                                              1.9
                                                                                     100
                                                                                           OVER
 131 07/07/2021 21:00 soccer
                                        Vancouver Whitecaps Real Salt Lake
                                                                        2.50
                                                                             1.9
                                                                                     100
                                                                                           OVER
                                  mls
                           usa
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
          date hora
                     sport
                          area league
                                              team1
                                                                                            outcome
200 07/07/2021 19:00 soccer
                                                                      -0.25
                                                                                          Chicago Fire
                                          Chicago Fire
                                                        Orlando City
 202 07/07/2021 19:30 soccer brazil
                                serie-a
                                          Internacional
                                                          Sao Paulo
                                                                      0.00
                                                                          1.9
                                                                                  100
                                                                                           Sao Paulo
 201 07/07/2021 20:00 soccer
                                  mls Seattle Sounders Houston Dynamo
                                                                     -0.75 1.9
                                                                                  100 Seattle Sounders
                            usa
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")
```

```
ar=asp.aally_prediction_criterio(ar_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
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]:
```

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	
2505	18:00	07/07/2021	/soccer/usa/mls/new-england- revolution-toronto	New England Revolution	Toronto FC	1.46	4.81	6.20	TEAM1	
2506	12:00	08/07/2021	/soccer/sweden/division-1-sodra/ifk- malmo-torn	IFK Malmo	Torns	1.53	4.55	4.86	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]:

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

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]:

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

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
1752	2021-07-08	03:10	baseball	usa	mlb	San Diego Padres	Washington Nationals	UNDER	0.599496	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
1655	2021-07-08	10:00	baseball	japan	npb	Orix Buffaloes	Rakuten Gold. Eagles	TEAM1	2.11	141
1653	2021-07-08	18:00	soccer	sweden	division-1-sodra	IFK Malmo	Torns	TEAM1	1.53	271
1654	2021-07-08	03:10	baseball	usa	mlb	Seattle Mariners	New York Yankees	TEAM1	1.99	143
1656	2021-07-08	03:10	baseball	usa	mlb	San Diego Padres	Washington Nationals	UNDER	1.90	244
1652	2021-07-08	00:00	soccer	usa	mls	New England Revolution	Toronto FC	TEAM1	1.46	202

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
1898	00:00	2021- 07-08	/soccer/usa/mls/new-england- revolution-toronto	New England Revolution	Toronto FC	1.46	4.81	6.2	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
2653	2021-07- 08	18:00	soccer	sweden	division-1- sodra	IFK Malmo	Torns	4.00	1.31	100	0.436097
2647	2021-07- 08	01:10	baseball	usa	mlb	Houston Astros	Oakland Athletics	10.50	1.46	100	0.811733
2648	2021-07- 08	03:10	baseball	usa	mlb	San Diego Padres	Washington Nationals	10.50	1.41	100	0.599496
2649	2021-07- 08	03:10	baseball	usa	mlb	Seattle Mariners	New York Yankees	10.50	1.42	100	0.671062
2650	2021-07- 08	00:00	soccer	usa	mls	New England Revolution	Toronto FC	4.25	1.34	100	0.786505
2651	2021-07- 08	03:00	soccer	usa	mls	Vancouver Whitecaps	Real Salt Lake	3.50	1.33	100	0.864409

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
647	2021-07-08	01:30	soccer	brazil	serie-a	Internacional	Sao Paulo	0.00	1.9	100	0.569601
648	2021-07-08	00:05	baseball	usa	mlb	Baltimore Orioles	Toronto Blue Jays	2.00	1.9	100	0.795900
649	2021-07-08	01:10	baseball	usa	mlb	Houston Astros	Oakland Athletics	-1.00	1.9	100	0.683118
642	2021-07-08	00:30	soccer	usa	mls	Club de Foot Montreal	New York City	0.75	1.9	100	0.382963
643	2021-07-08	01:00	soccer	usa	mls	Chicago Fire	Orlando City	-0.25	1.9	100	0.165146
644	2021-07-08	02:00	soccer	usa	mls	Seattle Sounders	Houston Dynamo	-0.75	1.9	100	0.168678
645	2021-07-08	02:00	soccer	usa	mls	Colorado Rapids	Minnesota United	-0.50	1.9	100	0.836155
646	2021-07-08	03:30	soccer	usa	mls	Los Angeles Galaxy	FC Dallas	-0.50	1.9	100	0.840519
641	2021-07-08	01:00	hockey	usa	nhl	Tampa Bay Lightning	Montreal Canadiens	-1.25	1.9	100	0.466336

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

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
Ī	966	01:00	2021- 07-08	/hockey/usa/nhl/tampa-bay- lightning-montreal-c	Tampa Bay Lightning	Montreal Canadiens	1.67	4.51	4.35	0.626629

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]:

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

SOCCER

```
In [34]:
```

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

```
asb.aarr\[ar_brearccrou(ar_brearccrou)\]
```

```
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
842	01:00	2021-07-08	soccer/usa_mls	Chicago Fire	Orlando City	2.2	3.77	3.02	1-Chicago Fire-0.08

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
775	01:30	2021-07-08	soccer/brazil_serie-a	Internacional	Sao Paulo	2.81	3.05	2.7	FALLO-3-Internacional0.33

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	${\sf draw_odds}$	team2_odds	objetivo
191	01:30	2021-07-08	soccer/brazil_serie-a	Fluminense	Ceara	2.12	3.13	3.81	FALLO-3-Fluminense-0.22

LIGA MX

```
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]:

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

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
8954	00:00	2021- 07-08	/soccer/usa/mls/new-england- revolution-toronto	New England Revolution	Toronto FC	1.46	4.81	6.20	0.712423
8957	02:00	2021- 07-08	/soccer/usa/mls/seattle-sounders- houston-dynam	Seattle Sounders	Houston Dynamo	1.75	3.88	4.50	0.670123
8961	03:30	2021-	/soccer/usa/mls/los-angeles-	Los Angeles	FC Dallas	1.95	3.90	3.52	0.571551

	hora	date 2021-	yalany-10-uallas-11 area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8959	02:00	07-08	/soccer/usa/mls/colorado-rapids- minnesota-unit	Colorado Rapids	Minnesota United	1.90	3.95	3.68	0.534017
8964	02:30	2021- 07-08	/soccer/world/club-friendly/atlas- club-america	Atlas (Gr3)	Club America (Gr3)	2.89	3.45	2.24	0.525719
8963	00:30	2021- 07-08	/soccer/world/club- friendly/chattanooga-appala	Chattanooga (Usa)	Appalachian (Usa)	1.94	3.73	3.21	0.525719
8975	19:45	2021- 07-08	/soccer/world/club- friendly/sittingbourne-shep	Sittingbourne (Eng)	Sheppey United (Eng)	1.50	4.57	4.88	0.525719
8972	18:00	2021- 07-08	/soccer/world/club-friendly/schonnebeck-vogelh	Schonnebeck (Ger)	Vogelheimer (Ger)	1.25	6.70	7.15	0.525719
8970	16:00	2021- 07-08	/soccer/world/club-friendly/partizan-fk-rostov	Partizan (Srb)	FK Rostov (Rus)	2.29	3.75	2.83	0.525719
8966	10:00	2021- 07-08	/soccer/world/club-friendly/mlada- boleslav-ust	Mlada Boleslav (Cze)	Usti nad Labem (Cze)	1.57	4.15	4.72	0.525719
8968	16:00	2021- 07-08	/soccer/world/club- friendly/magdeburg-altglien	Magdeburg (Ger)	Altglienicke (Ger)	1.61	4.19	4.41	0.525719
8969	16:00	2021- 07-08	/soccer/world/club-friendly/lugano- winterthur	Lugano (Sui)	Winterthur (Sui)	1.46	4.51	5.72	0.525719
8965	09:30	2021- 07-08	/soccer/world/club-friendly/fc-uta- arad-hajduk	UTA Arad (Rou)	Hajduk Split (Cro)	4.92	4.10	1.59	0.525719
8967	13:00	2021- 07-08	/soccer/world/club-friendly/zwolle-fc-volendam	Zwolle (Ned)	FC Volendam (Ned)	1.75	4.07	3.64	0.525719
8974	19:45	2021- 07-08	/soccer/world/club- friendly/biggleswade-fc-lei	Biggleswade FC (Eng)	Leighton Town (Eng)	1.71	4.15	3.75	0.525719
8971	18:00	2021- 07-08	/soccer/world/club-friendly/annecy-bastia-08Qv	Annecy (Fra)	Bastia (Fra)	3.73	3.38	1.93	0.525719
8973	19:45	2021- 07-08	/soccer/world/club-friendly/afc- emley-liversed	Emley (Eng)	Liversedge (Eng)	3.35	4.14	1.84	0.525719
8960	03:00	2021- 07-08	/soccer/usa/mls/vancouver- whitecaps-real-salt	Vancouver Whitecaps	Real Salt Lake	4.16	3.66	1.85	0.504968
8956	01:00	2021- 07-08	/soccer/usa/mls/chicago-fire- orlando-city-OrXF	Chicago Fire	Orlando City	2.20	3.77	3.02	0.410722
8962	18:00	2021- 07-08	/soccer/sweden/division-1- sodra/ifk-malmo-torn	IFK Malmo	Torns	1.53	4.55	4.86	0.275275
8958	02:00	2021- 07-08	/soccer/usa/mls/austin-fc-los- angeles-fc-W8zO3	Austin FC	Los Angeles FC	2.78	3.55	2.43	0.242714
8955	00:30	2021- 07-08	/soccer/usa/mls/club-de-foot- montreal-new-york	Club de Foot Montreal	New York City	4.45	4.10	1.71	0.229131

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)
```

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
```