```
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
                                                         Minnesota
                                  mlb Chicago White Sox
                                                                      8.5 1.9
                                                                                 100
                                                                                       OVER
137 19/07/2021 16:10 baseball
                                                             Twins
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]:
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
                                                            team2 objetivo odd criterio outcome
                                                          Minnesota
167 19/07/2021 16:10 baseball
                                  mlb Chicago White Sox
                                                                      8.5 1.9
                                                                                       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
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)
Out[11]:
  date hora sport area league team1 team2 objetivo odd criterio outcome
```

Tm F 1.

```
ти [ ]:
```

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
	5231	12:00	19/07/2021	soccer@lithuania	a-lyga	Dainava Alytus	Riteriai	4.34	3.85	1.71	TEAM1	- 150.191631	80

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
5229	18:30	18/07/2021	soccer@brazil	serie-a	Internacional	Juventude	1.73	3.42	5.40	TEAM1	-92.711419
5221	18:30	18/07/2021	soccer@brazil	serie-b	CRB	Vila Nova FC	2.01	3.05	4.14	TEAM1	70.920390
5223	05:30	19/07/2021	soccer@south- korea	k- league- 2	Seoul E.	Gimcheon Sangmu	2.50	3.21	2.79	TEAM1	297.540832
5224	05:30	19/07/2021	soccer@south- korea	k- league- 2	Gyeongnam	Bucheon FC 1995	1.70	3.65	4.78	TEAM1	-98.672316
5233	05:30	19/07/2021	soccer@south- korea	k- league- 2	Seoul E.	Gimcheon Sangmu	2.50	3.21	2.79	TEAM2	297.540832
5231	12:00	19/07/2021	soccer@lithuania	a-lyga	Dainava Alytus	Riteriai	4.34	3.85	1.71	TEAM1	- 150.191631

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
953	18/07/2021	18:30	soccer	brazil	serie-a	Internacional	Juventude	X1	1.73	100.0
954	19/07/2021	10:30	soccer	finland	veikkausliiga	Inter Turku	HIFK	X1	1.69	226.0

NHL CLUSTER FALLO

In [15]:

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

A-1 -1-1

```
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
2533	11:00	19/07/2021	/soccer/estonia/esiliiga/elva-paide- linnameesk	Elva	Paide Linnameeskond U21	5.58	4.98	1.43	TEAM2
2534	14:00	19/07/2021	/soccer/serbia/super- liga/napredak-kolubara-YZ	Napredak	Kolubara	1.60	3.78	5.38	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]:

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

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
1772	2021-07-19	22:10	baseball	usa	mlb	Chicago White Sox	Minnesota Twins	UNDER	0.54163	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
1692	2021-07-19	00:30	soccer	brazil	serie-a	Internacional	Juventude	TEAM1	1.73	238
1696	2021-07-19	09:30	soccer	china	super-league	Beijing Guoan	Tianjin Jinmen Tiger	TEAM1	1.43	146
1693	2021-07-19	16:30	soccer	finland	veikkausliiga	Inter Turku	HIFK	TEAM1	1.69	226
1694	2021-07-19	16:15	soccer	iran	division-1	Kheybar Khorramabad	Navad Urmia	TEAM1	1.60	195
1695	2021-07-19	20:00	soccer	serbia	super-liga	Napredak	Kolubara	TEAM1	1.60	195

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
1931	00:30	2021- 07-19	/soccer/brazil/serie-a/internacional- esporte-c	Internacional	Juventude	1.73	3.42	5.40	TEAM1
1932	09:30	2021- 07-19	/soccer/china/super-league/beijing- guoan-tianj	Beijing Guoan	Tianjin Jinmen Tiger	1.43	4.18	8.01	TEAM1
1930	17:00	2021- 07-19	/soccer/estonia/esiliiga/elva-paide- linnameesk	Elva	Paide Linnameeskond U21	5.58	4.98	1.43	TEAM2
1933	16:30	2021- 07-19	/soccer/finland/veikkausliiga/inter- turku-hifk	Inter Turku	HIFK	1.69	3.57	5.43	TEAM1
1934	16:15	2021- 07-19	/soccer/iran/division-1/kheybar- khorramabad-na	Kheybar Khorramabad	Navad Urmia	1.60	3.53	5.65	TEAM1
1935	00:30	2021-	/soccer/paraguay/primera-	Libertad	Guairena FC	1.52	3.96	6.06	TEAM1

```
0/-19
                            division/libertad-asu.
                                                  Asuncion
      hora
             date
                                                                  team2 team1_odds draw_odds team2_odds objetivo
                                   area league
                                                    team1
            2021-
                            /soccer/serbia/super
 1936 20:00
                                                  Napredak
                                                                 Kolubara
                                                                               1.60
                                                                                         3.78
                                                                                                    5.38
                                                                                                          TEAM1
                       liga/napredak-kolubara-YZ...
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
                                                                                      100 0.613474
2716 2021-07-19 00:08 baseball
                                                                          11.5 1.44
                              usa
                                     mlb New York Yankees
                                                         Boston Red Sox
                                                             Minnesota
 2715 2021-07-19 22:10 baseball
                                                                          10.5 1.40
                              usa
                                     mlb Chicago White Sox
                                                                                      100 0.541630
                                                                 Twins
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
679 2021-07-19 00:30 soccer brazil serie-a Bragantino Santos
                                                                       100 0.914616
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

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
859	23:15	2021-07- 19	soccer/uruguay_primera- division	Cerrito	Montevideo City	3.75	3.67	1.89	10-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
794	00:30	2021-07- 19	soccer/brazil_serie-a	Internacional	Juventude	1.73	3.42	5.40	FALLO-1- Internacional0.33
796	18:00	2021-07- 19	soccer/denmark_superliga	Silkeborg	Sonderjyske	2.13	3.55	3.32	FAVORITO-4- Sonderjyske0.09
795	18:00	2021-07- 19	soccer/sweden_superettan	Orgryte	Vasalunds	2.15	3.46	3.29	FALLO-4-Orgryte 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]:

215 00:30 2021-07-19 soccer/brazil serie-b CRB Vila Nova FC 2.01 3.05 4.14 FAVORITO-1-CRB-0.0	214	00:30 nora	2021-07-19 date	soccer/brazil_serie_a	Bragantino	Seath2	team1_odd\$	draw_odds	team2_odd\$	FALLO-4-Braganting 0.16
	015	00.30	2021-07-10	soccor/brazil sorio-b	CDB	Vila Nova EC	2.01	3.05	4.14	FAVORITO-1-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)
```

Out[42]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
864	16:30	2021-07- 19	/soccer/finland/veikkausliiga/ktp-haka- KjzQL1uA/	KTP	Haka	3.90	3.47	1.96	TEAM2
866	20:15	2021-07- 19	/soccer/iceland/pepsideild/keflavik- vikingur-r	Keflavik	Vikingur Reykjavik	4.82	4.04	1.65	TEAM2
865	20:15	2021-07- 19	/soccer/iceland/pepsideild/leiknir-reykjaviks	Leiknir	Stjarnan	3.32	3.49	2.11	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
9435	15:00	2021- 07-19	/soccer/world/club-friendly/cska- moscow-fc-niz	CSKA Moscow (Rus)	Nizhny Novgorod (Rus)	1.46	4.58	6.78	0.897500
9433	20:00	2021- 07-19	/soccer/serbia/super-liga/napredak-kolubara-YZ	Napredak	Kolubara	1.60	3.78	5.38	0.819709
9438	17:00	2021- 07-19	/soccer/estonia/esiliiga/elva-paide- linnameesk	Elva	Paide Linnameeskond U21	5.58	4.98	1.43	0.809428
9437	18:00	2021- 07-19	/soccer/world/club- friendly/granada-cf-bournem	Granada CF (Esp)	Bournemouth (Eng)	2.06	3.62	3.38	0.527636
9436	17:30	2021- 07-19	/soccer/world/club-friendly/bronshoj-hvidovre	Bronshoj (Den)	Hvidovre IF (Den)	4.84	4.42	1.58	0.525719
9432	17:55	2021- 07-19	/soccer/serbia/super-liga/radnik- surdulica-met	Radnik	Metalac	2.19	3.36	3.12	0.502448
9434	18:00	2021- 07-19	/soccer/lithuania/a-lyga/dainava- alytus-riteri	Dainava Alytus	Riteriai	4.34	3.85	1.71	0.475109
9439	17:00	2021- 07-19	/soccer/estonia/esiliiga/parnu- tallinna-kalev	Parnu	Tallinna Kalev	8.47	5.77	1.27	0.324950

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
2089	18:00	2021-07- 19	/soccer/lithuania/a-lyga/dainava-alytus- riteri	Dainava Alytus	Riteriai	4.34	3.85	1.71	TEAM1

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
10264	00:30	2021- 07-19	/soccer/brazil/serie-a/internacional- esporte-c	Internacional	Juventude	1.73	3.42	5.40	TEAM1
10261	00:30	2021- 07-19	/soccer/brazil/serie-b/crb-vila-nova-fc- W0Ex6BZI/	CRB	Vila Nova FC	2.01	3.05	4.14	TEAM1
10266	18:00	2021- 07-19	/soccer/lithuania/a-lyga/dainava-alytus-riteri	Dainava Alytus	Riteriai	4.34	3.85	1.71	TEAM1
10268	11:30	2021- 07-19	/soccer/south-korea/k-league-2/seoul- e-land-gi	Seoul E.	Gimcheon Sangmu	2.50	3.21	2.79	TEAM2
10263	18.00	2021-	/soccer/sweden/superettan/orgryte-	Oranite	Vasali inds	2 15	3 46	3 20	TF∆M1

```
07-19
date
      hora
                                                   team1
                                                            team2 team1_odds draw_odds team2_odds objetivo
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 [ ]:
```