```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
10	05/06/2021	09:00	soccer	sweden	division-1-norra	Sandvikens	Dalkurd	TEAM1	2.1	100	TEAM1

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

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]:

```python
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
52	05/06/2021	04:30	soccer	south-korea	k-league-2	Busan	Gyeongnam	TEAM1	2.42	100	TEAM1
51	05/06/2021	06:00	soccer	sweden	superettan	Brage	AFC Eskilstuna	TEAM1	2.31	100	TEAM1
50	05/06/2021	09:00	soccer	sweden	division-1-norra	Sandvikens	Dalkurd	TEAM1	2.10	100	TEAM1

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

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	Ratin
4148	04:30	05/06/2021	soccer@south-korea	k-league-2	Bucheon FC 1995	Asan	2.80	3.17	2.50	TEAM1	232.28617
4163	04:30	05/06/2021	soccer@south-korea	k-league-2	Busan	Gyeongnam	2.42	2.97	3.12	TEAM2	-38.95085
4151	08:00	05/06/2021	soccer@sweden	superettan	Osters	Norrby	2.29	3.34	3.02	TEAM1	222.67305
4136	09:00	05/06/2021	soccer@sweden	division-1-norra	Sandvikens	Dalkurd	2.10	3.68	3.03	TEAM1	58.67659
4137	09:00	05/06/2021	soccer@sweden	division-1-norra	Hammarby TFF	Orebro Syr.	2.75	3.57	2.31	TEAM1	313.30975
4138	09:00	05/06/2021	soccer@sweden	division-1-norra	Hudiksvalls	Umea FC	3.53	3.89	1.88	TEAM1	229.40673
4161	09:00	05/06/2021	soccer@sweden	division-1-sodra	Osterlen FF	Ljungskile	3.09	3.65	2.08	TEAM1	260.72754
4152	10:00	05/06/2021	soccer@sweden	superettan	Orgryte	Varnamo	2.73	3.19	2.58	TEAM1	392.15596

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
858	04/06/2021	19:15	baseball	usa	mlb	St.Louis Cardinals	Cincinnati Reds	X1	1.70	137.0
859	05/06/2021	04:30	soccer	south-korea	k-league-2	Busan	Gyeongnam	X1	2.42	213.0
860	05/06/2021	08:00	soccer	south-africa	premier-league	Maritzburg Utd	AmaZulu	X2	2.82	208.0
861	05/06/2021	09:00	soccer	sweden	division-1-norra	Sandvikens	Dalkurd	X2	3.03	186.0

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
2444	09:00	05/06/2021	/soccer/sweden/division-1-sodra/trollhattan-if...	Trollhattan	IFK Malmo	1.55	4.21	5.11	TEAM1
2443	09:00	05/06/2021	/soccer/sweden/division-1-sodra/utsiktens-torn...	Utsiktens	Torns	1.46	4.51	5.84	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
254	02:00	2021-06-05	/basketball/usa/nba/dallas-mavericks-los-angel...	Dallas Mavericks	Los Angeles Clippers	2.17	0.00	1.71	0.533184

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
253	23:00	2021-06-05	/soccer/brazil/serie-b/remo-brasil-de pelotas-...	Remo	Brasil de Pelotas	1.96	3.23	4.02	0.221547

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
1671	2021-06-05	02:00	basketball	usa	nba	Dallas Mavericks	Los Angeles Clippers	OVER	0.583738	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
1518	2021-06-05	15:00	soccer	brazil	serie-b	Londrina	Brusque	TEAM1	2.41	166
1514	2021-06-05	14:00	soccer	south-africa	premier-league	Orlando Pirates	Tshakhuma	TEAM1	1.55	212
1515	2021-06-05	14:00	soccer	south-africa	premier-league	Mamelodi Sundowns	Cape Town City	TEAM1	1.65	262
1516	2021-06-05	15:00	soccer	sweden	division-1-sodra	Utsiktens	Torns	TEAM1	1.46	148
1517	2021-06-05	15:00	soccer	sweden	division-1-sodra	Trollhattan	IFK Malmo	TEAM1	1.55	212

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
1827	14:00	2021-06-05	/soccer/south-africa/premier-league/mamelodi-s...	Mamelodi Sundowns	Cape Town City	1.65	3.27	6.08	TEAM1
1826	14:00	2021-06-05	/soccer/south-africa/premier-league/orlando-pi...	Orlando Pirates	Tshakhuma	1.55	3.53	6.51	TEAM1
		2021	/soccer/sweden/division-1						

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1829	15:00	2021-06-05	/soccer/sweden/division-1-sodra/trollhattan-league	Trollhattan	IFK Malmo	1.55	4.21	5.11	TEAM1
1828	15:00	2021-06-05	/soccer/sweden/division-1-sodra/utsiktens-torn...	Utsiktens	Torns	1.46	4.51	5.84	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
2328	2021-06-05	02:00	basketball	usa	nba	Dallas Mavericks	Los Angeles Clippers	221.5	1.58	100	0.583738

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
460	2021-06-05	02:00	basketball	usa	nba	Dallas Mavericks	Los Angeles Clippers	2.5	1.9	100	0.547374

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
1020	02:00	2021-06-05	/basketball/usa/nba/dallas-mavericks-los-angel...	Dallas Mavericks	Los Angeles Clippers	2.17	0.0	1.71	0.533184

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
939	21:00	2021-06-05	/hockey/usa/nhl/tampa-bay-lightning-carolina-h...	Tampa Bay Lightning	Carolina Hurricanes	2.00	4.12	3.21	0.611707
938	03:00	2021-06-05	/hockey/usa/nhl/vegas-golden-knights-colorado-...	Vegas Golden Knights	Colorado Avalanche	2.69	4.10	2.30	0.448642
937	00:30	2021-06-05	/hockey/usa/nhl/winnipeg-jets-montreal-canadie...	Winnipeg Jets	Montreal Canadiens	2.36	4.00	2.64	0.534133

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]:

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
789	14:00	2021-06-05	soccer/south-africa_premier-league	Mamelodi Sundowns	Cape Town City	1.65	3.27	6.08	1-Cape Town City-0.02
790	14:00	2021-06-05	soccer/sweden_superettan	Osters	Norrby	2.29	3.34	3.02	5-Norrby-0.12
791	16:00	2021-06-05	soccer/uruguay_primera-division	Boston River	Montevideo City	3.14	3.55	2.10	6-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
697	14:00	2021-06-05	soccer/sweden_superettan	Osters	Norrby	2.29	3.34	3.02	FALLO-5-Osters--0.42
698	16:00	2021-06-05	soccer/sweden_superettan	Orgryte	Varnamo	2.73	3.19	2.58	FALLO-1-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]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
118	20:30	2021-06-05	soccer/brazil_serie-b	CSA	Sampaio Correa	1.88	3.59	3.89	FALLO-1-Sampaio Correa-0.05
120	20:30	2021-06-05	soccer/brazil_serie-b	CSA	Sampaio Correa	1.88	3.59	3.89	FAVORITO-1-CSA-0.38
119	20:00	2021-06-05	soccer/spain_laliga2	Almeria	Girona	2.03	3.22	3.92	FAVORITO-1-Almeria-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
813	15:00	2021-06-05	/soccer/brazil/serie-b/londrina-brusque-Kz0RXDaD/	Londrina	Brusque	2.41	2.64	3.61	TEAM1

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
814	16:00	2021-06-05	/soccer/england/national-league/notts-county-c...	Notts Co	Chesterfield	2.20	3.43	3.09	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
8341	15:00	2021-06-05	/soccer/sweden/division-1-sodra/trollhattan-if...	Trollhattan	IFK Malmo	1.55	4.21	5.11	0.830512
8340	15:00	2021-06-05	/soccer/sweden/division-1-sodra/utsiktens-torn...	Utsiktens	Torns	1.46	4.51	5.84	0.612309
8343	15:00	2021-06-05	/soccer/sweden/division-1-sodra/tvaakers-oskar...	Tvaakers	Oskarshamns	2.63	3.67	2.35	0.552998
8345	15:00	2021-06-05	/soccer/sweden/division-1-norra/sandvikens-dal...	Sandvikens	Dalkurd	2.10	3.68	3.03	0.521128
8339	14:00	2021-06-05	/soccer/sweden/division-1-sodra/atvidabergs-qv...	Atvidabergs	Qviding	2.57	3.62	2.43	0.505334
8344	15:00	2021-06-05	/soccer/sweden/division-1-norra/hammarby-tff-o...	Hammarby TFF	Orebro Syr.	2.75	3.57	2.31	0.328115
8346	15:00	2021-06-05	/soccer/sweden/division-1-norra/hudiksvalls-um...	Hudiksvalls	Umea FC	3.53	3.89	1.88	0.209992
8342	15:00	2021-06-05	/soccer/sweden/division-1-sodra/osterlen-ff-lj...	Osterlen FF	Ljungskile	3.09	3.65	2.08	0.198045

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
9683	10:30	2021-06-05	/soccer/south-korea/k-league-2/busan-gyeongnam...	Busan	Gyeongnam	2.42	2.97	3.12	TEAM2
9681	16:00	2021-06-05	/soccer/sweden/superettan/orgryte-varnamo-...	Orgryte	Varnamo	2.73	3.19	2.58	TEAM1

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
9680	14:00	2021-06-05	/soccer/sweden/superettan/osters-norrby-0xl5ThHi/	Osters	Norrby	2.29	3.34	3.02	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 [ ]: