```
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
38	14/06/2021	18:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	225.5	1.90	100	OVER
39	14/06/2021	19:15	baseball	usa	mlb	St.Louis Cardinals	Miami Marlins	8.5	1.90	100	OVER
37	14/06/2021	19:40	baseball	usa	mlb	Colorado Rockies	San Diego Padres	1.5	1.90	100	Colorado Rockies
36	15/06/2021	17:00	soccer	brazil	serie-b	Nautico	Vila Nova FC	1-Vila Nova FC-0.48	3.61	100	EMPATE

```
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
186	14/06/2021	18:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	225.5	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)
```

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
83	14/06/2021	18:10	baseball	usa	mlb	New York Mets	Chicago Cubs	8.5	1.9	100	OVER
85	14/06/2021	18:10	baseball	usa	mlb	Boston Red Sox	Toronto Blue Jays	9.5	1.9	100	OVER
84	14/06/2021	19:15	baseball	usa	mlb	St.Louis Cardinals	Miami Marlins	8.5	1.9	100	OVER
87	14/06/2021	20:40	baseball	usa	mlb	Oakland Athletics	Los Angeles Angels	8.5	1.9	100	OVER

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]:

```python
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]:

```python
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
119	14/06/2021	18:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	-3.0	1.9	100	Philadelphia 76ers
117	14/06/2021	19:40	baseball	usa	mlb	Colorado Rockies	San Diego Padres	1.5	1.9	100	Colorado Rockies

In [9]:

```python
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
57	15/06/2021	17:00	soccer	brazil	serie-b	Nautico	Vila Nova FC	1-Vila Nova FC-0.48	3.61	100	EMPATE

In [10]:

```python
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

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
4333	12:00	15/06/2021	soccer@sweden	superettan	Sundsvall	GAIS	1.74	3.64	4.63	TEAM1	5.338	51

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
886	15/06/2021	12:00	soccer	sweden	superettan	Sundsvall	GAIS	X1	1.74	100.0

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
2453	10:00	15/06/2021	/soccer/lithuania/a-lyga/riteriai-banga-Aq1rDnRl/	Riteriai	Banga	1.52	4.12	5.12	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
264	03:00	2021-06-15	/basketball/usa/nba/los-angeles-clippers-utah-...	Los Angeles Clippers	Utah Jazz	1.49	0.0	2.74	0.422273

GANA 1 si objetivo es mayor a 0.52, GANA 2 si es menor a 49

In [20]:

```python
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]:

```python
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
1693	2021-06-15	01:15	baseball	usa	mlb	St.Louis Cardinals	Miami Marlins	UNDER	0.517950	1.9	100
1694	2021-06-15	02:40	baseball	usa	mlb	Oakland Athletics	Los Angeles Angels	UNDER	0.590515	1.9	100
1695	2021-06-15	00:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	OVER	0.589577	1.9	100
1696	2021-06-15	03:00	basketball	usa	nba	Los Angeles Clippers	Utah Jazz	OVER	0.663018	1.9	100

Criterio

In [22]:

```python
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
1548	2021-06-15	18:00	soccer	egypt	premier-league	El-Entag El-Harby	El Gaish	TEAM2	2.40	188
1547	2021-06-15	16:30	soccer	finland	veikkausliiga	KTP	AC Oulu	TEAM1	2.35	178
1544	2021-06-15	16:00	soccer	lithuania	a-lyga	Riteriai	Banga	TEAM1	1.52	222
1546	2021-06-15	01:15	baseball	usa	mlb	St.Louis Cardinals	Miami Marlins	UNDER	1.90	206
1545	2021-06-15	02:40	baseball	usa	mlb	Oakland Athletics	Los Angeles Angels	UNDER	1.90	206

In [23]:

```python
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

In [24]:

```python
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]:

```python
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]:

```python
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
2416	2021-06-15	16:00	soccer	lithuania	a-lyga	Riteriai	Banga	4.0	1.25	100	0.868538
2406	2021-06-15	00:10	baseball	usa	mlb	New York Mets	Chicago Cubs	10.5	1.48	100	0.681922
2407	2021-06-15	00:10	baseball	usa	mlb	Boston Red Sox	Toronto Blue Jays	11.5	1.48	100	0.355006
2408	2021-06-15	01:10	baseball	usa	mlb	Kansas City Royals	Detroit Tigers	11.5	1.47	100	0.805553
2409	2021-06-15	01:15	baseball	usa	mlb	St.Louis Cardinals	Miami Marlins	10.5	1.42	100	0.517950
2410	2021-06-15	02:40	baseball	usa	mlb	Oakland Athletics	Los Angeles Angels	10.5	1.41	100	0.590515
2411	2021-06-15	02:45	baseball	usa	mlb	San Francisco Giants	Arizona Diamondbacks	10.0	1.42	100	0.703955
2412	2021-06-15	03:10	baseball	usa	mlb	Los Angeles Dodgers	Philadelphia Phillies	11.5	1.43	100	0.638379
2413	2021-06-15	03:10	baseball	usa	mlb	Seattle Mariners	Minnesota Twins	10.0	1.44	100	0.890336
2414	2021-06-15	00:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	230.5	1.59	100	0.589577
2415	2021-06-15	03:00	basketball	usa	nba	Los Angeles Clippers	Utah Jazz	228.0	1.58	100	0.663018

In [27]:

```python
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
508	2021-06-15	01:10	baseball	usa	mlb	Kansas City Royals	Detroit Tigers	-1.0	1.9	100	0.572274
509	2021-06-15	01:10	baseball	usa	mlb	Milwaukee Brewers	Cincinnati Reds	-1.0	1.9	100	0.645112
510	2021-06-15	01:40	baseball	usa	mlb	Colorado Rockies	San Diego Padres	1.5	1.9	100	0.526918
511	2021-06-15	02:40	baseball	usa	mlb	Oakland Athletics	Los Angeles Angels	-1.0	1.9	100	0.772307
512	2021-06-15	03:10	baseball	usa	mlb	Seattle Mariners	Minnesota Twins	1.0	1.9	100	0.616967
506	2021-06-15	00:30	basketball	usa	nba	Atlanta Hawks	Philadelphia 76ers	3.0	1.9	100	0.396440
507	2021-06-15	03:00	basketball	usa	nba	Los Angeles Clippers	Utah Jazz	-5.0	1.9	100	0.267866
505	2021-06-15	02:00	hockey	usa	nhl	Vegas Golden Knights	Montreal Canadiens	-1.0	1.9	100	0.287559

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
1036	00:30	2021-06-15	/basketball/usa/nba/atlanta-hawks-philadelphia...	Atlanta Hawks	Philadelphia 76ers	2.51	0.0	1.63	0.519287
1037	03:00	2021-06-15	/basketball/usa/nba/los-angeles-clippers-utah-...	Los Angeles Clippers	Utah Jazz	1.49	0.0	2.74	0.422273

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
950	02:00	2021-06-15	/hockey/usa/nhl/vegas-golden-knights-montreal-...	Vegas Golden Knights	Montreal Canadiens	1.72	4.46	4.08	0.595673

MLB

```
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
799	23:00	2021-06-15	soccer/brazil_serie-b	Nautico	Vila Nova FC	1.66	3.61	5.18	1-Vila Nova FC-0.48

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

CRB - más positivo .49

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

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
136	23:00	2021-06-15	soccer/brazil_serie-b	Nautico	Vila Nova FC	1.66	3.61	5.18	FALLO-1-Nautico-0.09
137	23:00	2021-06-15	soccer/brazil_serie-b	CSA	Guarani	2.28	2.99	3.33	FALLO-2-CSA-0.38

LIGA MX

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_mx1")
dsp.daily_prediction_criterio(df_prediccion)
```

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio

NFL

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nfl1")
dsp.daily_prediction_criterio(df_prediccion)
```

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio

HOCKEY

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

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin3.

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin3")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [43]:

```python
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
8427	16:00	2021-06-15	/soccer/lithuania/a-lyga/riteriai-banga-Aq1rDnRl/	Riteriai	Banga	1.52	4.12	5.12	0.583535
8425	18:00	2021-06-15	/soccer/world/club-friendly/baerum-notodden-2w...	Baerum Sportsklubb (Nor)	Notodden (Nor)	2.43	3.74	2.42	0.525719
8426	18:30	2021-06-15	/soccer/world/club-friendly/sv-burmoos-bischof...	Burmoos (Aut)	Bischofshofen (Aut)	4.44	4.56	1.52	0.525719
8424	17:00	2021-06-15	/soccer/world/club-friendly/tj-start-brno-znoj...	Start Brno (Cze)	Znojmo (Cze)	2.53	3.96	2.23	0.525719

EXPERIMENTAL

Daily model 53

In [44]:

```python
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]:

```python
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
9782	18:00	2021-06-15	/soccer/sweden/superettan/sundsvall-gais-Qq3VN...	Sundsvall	GAIS	1.74	3.64	4.63	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

```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 [ ]: