

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_stevehudson_soccer")
df=dsp.daily_prediction(df_prediccion)
dsp.correccion_horario(df)
```

Out[2]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-5
dsp.correccion_horario(df)
```

Out[3]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
------	------	-------	------	--------	-------	-------	----------	-----	----------	---------

In [4]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_base")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-2
dsp.correccion_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_hockey")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-1
dsp.correccion_horario(df)
```

Out[5]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
------	------	-------	------	--------	-------	-------	----------	-----	----------	---------

In [6]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
```

```
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-1
dsp.correccion_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_hp")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_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_empate_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_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_model2_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_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_model_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_horario(df)
```

Out[10]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
------	------	-------	------	--------	-------	-------	----------	-----	----------	---------

In [ ]:

In [11]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_0")
df = dsp.daily_prediction_model(df_prediccion)
dsp.correccion_horario(df)
```

Out[11]:

hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
------	------	------	--------	-------	-------	------------	-----------	------------	----------	--------	-----

In [ ]:

In [12]:

```
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[12]:

hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
------	------	------	--------	-------	-------	------------	-----------	------------	----------	--------	-----

In [13]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_magic")
df = dsp.daily_prediction_criterio(df_prediccion)
dsp.correcion_horario(df)
```

Out[13]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
845	26/05/2021	11:30	soccer	germany	bundesliga	FC Koln	Holstein Kiel	X1	1.67	282.0

## NHL CLUSTER FALLO

In [14]:

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

Out[14]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

In [15]:

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

Out[15]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## TAN!! SPECIAL SELECTION

In [16]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN")
df=dsp.daily_prediction(df_prediccion)
dsp.correcion_horario(df)
```

Out[16]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2430	12:00	26/05/2021	/soccer/bulgaria/parva-liga/cska-sofia-beroe-l...	CSKA Sofia	Beroe	1.36	4.58	7.32	TEAM1

In [17]:

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

Out[17]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## Gana Favorito en ODDs finales.

In [18]:

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

Out[18]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
240	03:30	2021-05-26	/basketball/usa/nba/los-angeles-clippers-dalla...	Los Angeles Clippers	Dallas Mavericks	1.38	0.0	3.11	0.471216

## GANAN 1 si objetivo es mayor a 0.52, GANAN 2 si es menor a 49

In [19]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6_glicko")
dsp.daily_prediction(df_prediccion)
```

Out[19]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## Premium

In [20]:

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

Out[20]:

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	---------	-----	------------

## Criterio

In [21]:

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

Out[21]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	-----	------------

1487	2021-05-26	18:00	soccer	bulgaria	parva-liga	CSKA Sofia	Beroe	TEAM1	1.36	136
1484	2021-05-26	17:30	soccer	germany	bundesliga	FC Koln	Holstein Kiel	TEAM1	1.67	282
1485	2021-05-26	17:00	soccer	morocco	botola-pro	Wydad	Maghreb Fez	TEAM1	1.44	136
1486	2021-05-26	21:30	soccer	morocco	botola-pro	FAR Rabat	Rapide Oued Zem	TEAM1	1.62	259
1488	2021-05-26	00:10	baseball	usa	mlb	Boston Red Sox	Atlanta Braves	TEAM2	1.83	187

In [22]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN11")
dsp.daily_prediction(df_prediccion)
```

Out[22]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1810	17:30	2021-05-26	/soccer/germany/bundesliga/1-fc-koln-holstein-...	FC Koln	Holstein Kiel	1.67	3.77	5.06	TEAM1
1812	21:30	2021-05-26	/soccer/morocco/botola-pro/far-rabat-rapide-ou...	FAR Rabat	Rapide Oued Zem	1.62	3.27	5.47	TEAM1
1811	17:00	2021-05-26	/soccer/morocco/botola-pro/wydad-maghreb-fez-n...	Wydad	Maghreb Fez	1.44	4.07	6.04	TEAM1

In [23]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio2")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[23]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	-----	------------

In [24]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio3")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[24]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
------	------	-------	------	--------	-------	-------	----------	-----	------------

## OVER UNDER

In [25]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_base1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[25]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2231	2021-05-26	18:00	soccer	bulgaria	parva-liga	CSKA Sofia	Beroe	3.50	1.31	100	0.371134
2232	2021-05-26	18:00	soccer	bulgaria	parva-liga	Arda Lok. Plovdiv		3.25	1.27	100	0.340807
2233	2021-05-26	18:00	soccer	norway	obos-ligaen	Sandnes	Ull/Kisa	4.00	1.30	100	0.731584

In [26]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_handicap1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[26]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
------	------	-------	------	--------	-------	-------	----------	-----	----------	---------

## NBA

In [27]:

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

Out[27]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
992	00:30	2021-05-26	/basketball/usa/nba/brooklyn-nets-boston-celti...	Brooklyn Nets	Boston Celtics	1.20	0	4.72	0.656489
994	03:30	2021-05-26	/basketball/usa/nba/los-angeles-clippers-dalla...	Los Angeles Clippers	Dallas Mavericks	1.38	0	3.11	0.471216
993	03:00	2021-05-26	/basketball/usa/nba/phoenix-suns-los-angeles-l...	Phoenix Suns	Los Angeles Lakers	2.02	0	1.81	0.598847

## NBA CLUSTER FALLO

In [28]:

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

Out[28]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
322	0:0	2021-05-26	basketball/usa_nba	Philadelphia 76ers	Washington Wizards	1.28	0	3.88	2

## NBA FALLO SIN FILTRO

In [29]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo2_nba")
dsp.daily_prediction(df_prediccion)
```

Out[29]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
611	0:0	2021-05-26	basketball/usa_nba	Phoenix Suns	Los Angeles Lakers	2.05	0	1.80	1
612	0:0	2021-05-26	basketball/usa_nba	New York Knicks	Atlanta Hawks	1.75	0	2.12	2
613	0:0	2021-05-26	basketball/usa_nba	Philadelphia 76ers	Washington Wizards	1.28	0	3.88	2

## MLB FALLO

In [30]:

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

Out[30]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
14	0:0	2021-05-26	baseball/usa_mlb	Arizona Diamondbacks	San Francisco Giants	2.54	0	1.55	1

NHL

In [31]:

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

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
923	01:00	2021-05-26	/hockey/usa/nhl/carolina-hurricanes-nashville-...	Carolina Hurricanes	Nashville Predators	1.89	4.13	3.4	0.494278

MLB

In [32]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_base1")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=['hora'],ascending=True)
```

Out[32]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
274	00:10	2021-05-26	/baseball/usa/mlb/boston-red-sox-atlanta-brave...	Boston Red Sox	Atlanta Braves	2	0	1.83	TEAM2

SOCCER

In [33]:

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

Out[33]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
352	17:30	2021-05-26	/soccer/germany/bundesliga/1-fc-koln-holstein-...	FC Koln	Holstein Kiel	1.67	3.77	5.06	0.78159

SOCCER CLUSTER FALLO

In [34]:

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

Out[34]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
264	0:0	2021-05-26	soccer/germany_bundesliga	FC Koln	Holstein Kiel	1.71	3.76	5.26	2

## SOCCKER EMPATE SECUENCIA

In [35]:

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

Out[35]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## MILAN - más negativo -77

In [36]:

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

Out[36]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
681	18:00	2021-05-26	soccer/norway_obos-ligaen	Sandnes	Ull/Kisa	1.75	3.81	3.94	FALLO-1-Ull/Kisa--0.04
682	16:00	2021-05-26	soccer/south-africa_premier-league	Mamelodi Sundowns	Supersport Utd	1.66	3.48	4.86	FAVORITO-1-Supersport Utd--0.42

## CRB - más positivo .49

In [37]:

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

Out[37]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
113	18:00	2021-05-26	soccer/norway_obos-ligaen	Sandnes	Ull/Kisa	1.75	3.81	3.94	FAVORITO-2-Sandnes-0.49

## LIGA MX

In [38]:

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

Out[38]:

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
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## NFL

In [39]:

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

Out[39]:



date hora sport area league team1 team2 objetivo outcome odd m\_criterio

HOCKEY

In [40]:

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

Out[40]:

hora date area\_league team1 team2 team1\_odds draw\_odds team2\_odds objetivo

Daily predictions machin3.

In [41]:

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

Out[41]:

hora date area\_league team1 team2 team1\_odds draw\_odds team2\_odds objetivo

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [42]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=[ 'objetivo' ],ascending=False)
```

Out[42]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8225	16:30	2021-05-26	/soccer/finland/ykkonen/musa-klubi-04-lxDt4IML/	MuSa	Klubi 04	2.00	3.40	3.38	0.682740
8222	18:00	2021-05-26	/soccer/bulgaria/parva-liga/cska-sofia-beroe-l...	CSKA Sofia	Beroe	1.36	4.58	7.32	0.639061
8226	18:00	2021-05-26	/soccer/norway/obos-ligaen/sandnes-ulf-ull-kis...	Sandnes	Ull/Kisa	1.75	3.81	3.94	0.551848
8227	18:00	2021-05-26	/soccer/norway/obos-ligaen/sogndal-fredrikstad...	Sogndal	Fredrikstad	2.32	3.47	2.68	0.498407
8224	18:00	2021-05-26	/soccer/bulgaria/parva-liga/cska-1948-sofia-lu...	CSKA 1948 Sofia	Ludogorets	2.11	3.43	2.98	0.472151
8223	18:00	2021-05-26	/soccer/bulgaria/parva-liga/arda-lok-plovdiv-W...	Arda	Lok. Plovdiv	2.89	3.12	2.34	0.445618
8228	17:00	2021-05-26	/soccer/austria/tipico-bundesliga/a-klagenfurt...	A. Klagenfurt	St. Polten	2.55	3.50	2.55	0.361889

EXPERIMENTAL

## Daily model 53

In [43]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_53")
dsp.daily_prediction(df_prediccion)
```

Out[43]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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In [44]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_50")
dsp.daily_prediction(df_prediccion)
```

Out[44]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

## Daily predictions machin4 EMPATE

In [45]:

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

Out[45]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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## Daily predictions machin5

In [46]:

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

Out[46]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
------	------	-------------	-------	-------	------------	-----------	------------	----------

In [ ]: