

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.correccion_horario(df)
```

Out[2]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
61	21/06/2021	18:05	baseball	usa	mlb	Baltimore Orioles	Houston Astros	10.5	1.9	100	OVER

In [3]:

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

Out[3]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
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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.correccion_horario(df)
```

Out[4]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
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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.correccion_horario(df)
```

Out[5]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
106	21/06/2021	18:05	baseball	usa	mlb	Baltimore Orioles	Houston Astros	10.5	1.9	100	OVER
107	21/06/2021	19:05	baseball	usa	mlb	Texas Rangers	Oakland Athletics	8.0	1.9	100	UNDER

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.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_ou_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-1
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_hp")
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_empate_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_model2_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 [11]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_model_soccer")
df=dsp.daily_prediction_criterio(df_prediccion)
dsp.correccion_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.correccion_horario(df)
```

Out[12]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
4529	10:30	22/06/2021	soccer@finland	ykkonen	TPS	Ekenas	1.73	3.75	4.34	TEAM2	24.548312	54

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.correccion_horario(df)
```

Out[13]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
4518	10:30	22/06/2021	soccer@finland	ykkonen	VPS	Rovaniemi	2.18	3.49	3.06	TEAM1	136.139237	47
4529	10:30	22/06/2021	soccer@finland	ykkonen	TPS	Ekenas	1.73	3.75	4.34	TEAM2	24.548312	54

In [14]:

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

Out[14]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
898	22/06/2021	14:30	soccer	brazil	serie-b	Confianca	Vila Nova FC	X2	3.31	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
--	------	------	------	--------	-------	-------	------------	-----------	------------	----------

```
hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo
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.correccion_horario(df)
```

Out[17]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
2473	11:00	22/06/2021	/soccer/norway/obos-ligaen/aalesund-stjordals-...	Aalesund	Stjordals Blink	1.42	4.65	6.65	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
------	------	-------------	-------	-------	------------	-----------	------------	----------

GANAN 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
1713	2021-06-22	20:30	soccer	brazil	serie-b	Confianca	Vila Nova FC	X2	1.000000	3.31	100
1714	2021-06-22	00:05	baseball	usa	mlb	Baltimore Orioles	Houston Astros	UNDER	0.529258	1.90	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
1583	2021-06-22	20:30	soccer	brazil	serie-b	Brusque	Sampaio Correa	TEAM2	3.51	273
1582	2021-06-22	09:45	baseball	japan	nnp	Chiba Lotte Marines	Fukuoka S. Hawks	TEAM1	1.90	135
1579	2021-06-22	17:00	soccer	norway	obos-ligaen	Aalesund	Stjordals Blink	TEAM1	1.42	115
1580	2021-06-22	16:45	soccer	uruguay	primera-division	Liverpool M.	Fenix	TEAM1	1.64	265
1581	2021-06-22	16:00	soccer	uzbekistan	super-league	AGMK	Qizilqum	TEAM1	1.54	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
1856	17:00	2021-06-22	/soccer/norway/obos-ligaen/aalesund-stjordals-...	Aalesund	Stjordals Blink	1.42	4.65	6.65	TEAM1
1857	16:45	2021-06-22	/soccer/uruguay/primera-division/liverpool-m-f...	Liverpool M.	Fenix	1.64	3.66	5.24	TEAM1
1858	16:00	2021-06-22	/soccer/uzbekistan/super-league/agmk-qizilqum-...	AGMK	Qizilqum	1.54	3.81	6.13	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
2490	2021-06-22	17:00	soccer	norway	obos-ligaen	Grorud	Start	4.0	1.27	100	0.877120
2487	2021-06-22	00:05	baseball	usa	mlb	Baltimore Orioles	Houston Astros	12.5	1.48	100	0.529258
2488	2021-06-22	01:05	baseball	usa	mlb	Texas Rangers	Oakland Athletics	10.0	1.41	100	0.828166
2489	2021-06-22	01:00	hockey	usa	nhl	Tampa Bay Lightning	New York Islanders	6.0	1.37	100	0.605255

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
551	2021-06-22	01:05	baseball	usa	mlb	Chicago Cubs	Cleveland Indians	-1.0	1.9	100	0.479208
550	2021-06-22	01:00	hockey	usa	nhl	Tampa Bay Lightning	New York Islanders	-0.5	1.9	100	0.394452

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
957	01:00	2021-06-22	/hockey/usa/nhl/tampa-bay-lightning-new-york-i...	Tampa Bay Lightning	New York Islanders	1.94	4.14	3.41	0.599513

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
279	01:10	2021-06-22	/baseball/usa/mlb/new-york-mets-atlanta-braves...	New York Mets	Atlanta Braves	2.14	0	1.77	TEAM2

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
------	------	-------------	-------	-------	------------	-----------	------------	----------

SOCCKER 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
810	20:30	2021-06-22	soccer/brazil_serie-b	Confianca	Vila Nova FC	2.25	3.12	3.31	2-Vila Nova FC-0.48
809	14:00	2021-06-22	soccer/tanzania_ligi-kuu-bara	Tanzania Prisons	Coastal Union	1.75	3.05	5.13	1-Tanzania Prisons-0.2

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
732	17:00	2021-06-22	soccer/norway_obos-ligaen	Ull/Kisa	Fredrikstad	2.93	3.87	2.15	FALLO-1-Ull/Kisa--0.04

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
153	20:30	2021-06-22	soccer/brazil_serie-b	Brusque	Sampaio Correa	2.04	3.43	3.51	FAVORITO-1-Sampaio Correa-0.05
154	23:00	2021-06-22	soccer/brazil_serie-b	Ponte Preta	Operario	2.42	2.95	3.15	FAVORITO-1-Operario-0.49
152	17:00	2021-06-22	soccer/norway_obos-ligaen	Asane	Sandnes	2.08	3.74	3.19	FAVORITO-1-Sandnes-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
834	23:00	2021-06-22	/soccer/brazil/serie-b/goias-avai-AH2OSLI9/	Goias	Avai	2.38	2.82	3.40	TEAM1
833	17:00	2021-06-22	/soccer/tanzania/ligi-kuu-bara/simba-mbeya-cit...	Simba	Mbeya City	1.18	5.89	14.70	TEAM1
832	14:00	2021-06-22	/soccer/tanzania/ligi-kuu-bara/tanzania-prison...	Tanzania Prisons	Coastal Union	1.75	3.05	5.13	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
8511	17:00	2021-06-22	/soccer/norway/obos-ligaen/aalesund-stjordals-...	Aalesund	Stjordals Blink	1.42	4.65	6.65	0.703376
8504	16:30	2021-06-22	/soccer/finland/ykkonen/tps-ekenas-if-84GsAGIC/	TPS	Ekenas	1.73	3.75	4.34	0.607649

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8512	17:00	2021-06-22	/soccer/norway/obos-ligaen/barn-torneamentet-sogndal-r6...	Kam	Sogndal	2.91	3.26	2.84	0.597192
8508	17:00	2021-06-22	/soccer/norway/obos-ligaen/asane-sandnes-ulf-G...	Asane	Sandnes	2.08	3.74	3.19	0.576004
8503	16:30	2021-06-22	/soccer/finland/ykkonen/vps-rops-rovaniemi-UDH...	VPS	Rovaniemi	2.18	3.49	3.06	0.566298
8506	17:00	2021-06-22	/soccer/norway/obos-ligaen/bryne-kfum-oslo-KAd...	Bryne	KFUM Oslo	1.82	3.69	4.05	0.560426
8509	17:00	2021-06-22	/soccer/norway/obos-ligaen/jerv-strommen-fTlp7...	Jerv	Strommen	1.75	3.77	4.34	0.550895
8507	17:00	2021-06-22	/soccer/norway/obos-ligaen/grorud-start-YD0y9mdc/	Grorud	Start	3.04	3.63	2.16	0.486873
8510	17:00	2021-06-22	/soccer/norway/obos-ligaen/ranheim-raufoss-O2g...	Ranheim	Raufoss	1.94	3.77	3.54	0.480126
8505	17:00	2021-06-22	/soccer/norway/obos-ligaen/ull-kisa-fredriksta...	Ull/Kisa	Fredrikstad	2.93	3.87	2.15	0.446736

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
2024	16:30	2021-06-22	/soccer/finland/ykkonen/tps-ekenas-if-84GsAGIC/	TPS	Ekenas	1.73	3.75	4.34	TEAM2

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
9880	20:30	2021-06-22	/soccer/brazil/serie-b/confianza-vila-nova-fc-...	Confianza	Vila Nova FC	2.25	3.12	3.31	DRAW
9885	23:00	2021-06-22	/soccer/brazil/serie-b/goias-avai-AH2OSLI9/	Goias	Avai	2.38	2.82	3.40	TEAM1
9882	23:00	2021-06-22	/soccer/brazil/serie-b/ponte-preta-operario-l8...	Ponte Preta	Operario	2.42	2.95	3.15	DRAW
9886	23:00	2021-06-22	/soccer/brazil/serie-b/ponte-preta-operario-l8...	Ponte Preta	Operario	2.42	2.95	3.15	TEAM1
9889	16:30	2021-06-22	/soccer/finland/ykkonen/tps-ekenas-if-84GsAGIC/	TPS	Ekenas	1.73	3.75	4.34	TEAM2

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
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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 []: