

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
82	28/06/2021	18:10	baseball	usa	mlb	Boston Red Sox	Kansas City Royals	11	1.9	100	OVER
81	28/06/2021	20:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	211.5	1.9	100	OVER

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_stev HUDSON_soccer")
df=dsp.daily_prediction(df_prediccion)
dsp.correccion_horario(df)
```

Out[3]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
104	12:00	29/06/2021	soccer/faroe-islands_premier-league	Toftir	HB Torshavn	14.42	8.72	1.11	3-HB Torshavn--0.62
103	15:00	29/06/2021	soccer/iceland_urvalsdeild-women	Valur W	Keflavik W	1.22	6.26	9.24	1-Valur W--2.47

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
199	28/06/2021	20:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	211.5	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.correccion_horario(df)
```

Out[5]:

Out[5]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
119	28/06/2021	18:10	baseball	usa	mlb	Boston Red Sox	Kansas City Royals	11.0	1.9	100	OVER
120	28/06/2021	18:10	baseball	usa	mlb	Cleveland Indians	Detroit Tigers	9.5	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
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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
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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
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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
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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
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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
------	------	------	--------	-------	-------	------------	-----------	------------	----------	--------	-----

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

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
914	29/06/2021	17:00	soccer	brazil	serie-b	Confianca	Coritiba	X2	2.56	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
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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
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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
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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
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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
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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
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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
1728	2021-06-29	23:00	soccer	brazil	serie-b	Confianca	Coritiba	X2	1.000000	2.56	100
1729	2021-06-29	00:10	baseball	usa	mlb	Boston Red Sox	Kansas City Royals	UNDER	0.527021	1.90	100
1730	2021-06-29	02:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	OVER	0.620756	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
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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
------	------	-------------	-------	-------	------------	-----------	------------	----------

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

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
2558	2021-06-29	00:05	baseball	usa	mlb	Washington Nationals	New York Yankees	12.5	1.44	100	0.637278
2559	2021-06-29	00:05	baseball	usa	mlb	New York Yankees	Los Angeles Angels	12.5	1.44	100	0.637278
2560	2021-06-29	00:10	baseball	usa	mlb	Cleveland Indians	Detroit Tigers	11.5	1.47	100	0.827160
2561	2021-06-29	00:10	baseball	usa	mlb	Boston Red Sox	Kansas City Royals	13.0	1.46	100	0.527021
2562	2021-06-29	01:10	baseball	usa	mlb	Chicago White Sox	Minnesota Twins	10.5	1.40	100	0.323436
2563	2021-06-29	02:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	216.5	1.57	100	0.620756

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
584	2021-06-29	00:00	soccer	brazil	serie-a	Atletico GO	Bragantino	0.25	1.9	100	0.781403
586	2021-06-29	00:10	baseball	usa	mlb	Cleveland Indians	Detroit Tigers	-1.00	1.9	100	0.586270
587	2021-06-29	01:10	baseball	usa	mlb	Houston Astros	Baltimore Orioles	-2.50	1.9	100	0.676773
585	2021-06-29	02:00	basketball	usa	nba	Phoenix Suns	Los Angeles Clippers	-6.00	1.9	100	0.669609

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
1053	02:00	2021-06-29	/basketball/usa/nba/phoenix-suns-los-angeles-c...	Phoenix Suns	Los Angeles Clippers	1.42	0.0	3.02	0.593582

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
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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
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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
962	01:00	2021-06-29	/hockey/usa/nhl/tampa-bay-lightning-montreal-c...	Tampa Bay Lightning	Montreal Canadiens	1.86	4.22	3.63	0.529313

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

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
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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
169	00:00	2021-06-29	soccer/brazil_serie-a	Atletico GO	Bragantino	3.31	3.22	2.26	FAVORITO-1-Bragantino-0.16

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
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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
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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
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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
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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
8665	17:00	2021-06-29	/soccer/world/club-friendly/borac-banja-luka-o...	Borac Banja Luka (Bih)	O. Ljubljana (Slo)	3.79	4.04	1.75	0.525719
8667	19:30	2021-06-29	/soccer/world/club-friendly/dumbarton-morton-A...	Dumbarton (Sco)	Morton (Sco)	3.30	3.74	1.93	0.525719
8656	11:00	2021-06-29	/soccer/world/club-friendly/fc-copenhagen-lyng...	FC Copenhagen (Den)	Lyngby (Den)	1.42	4.78	5.91	0.525719
8664	17:00	2021-06-29	/soccer/world/club-friendly/hajduk-split-slask...	Hajduk Split (Cro)	Slask Wroclaw (Pol)	2.04	3.53	3.20	0.525719
8655	10:00	2021-06-29	/soccer/world/club-friendly/liberec-dukla-prag...	Liberec (Cze)	Dukla Prague (Cze)	1.29	5.41	8.36	0.525719
8660	16:00	2021-06-29	/soccer/world/club-friendly/orenburg-gyirmot-f...	Orenburg (Rus)	Gyirmot (Hun)	1.87	3.79	3.55	0.525719
8659	15:30	2021-06-29	/soccer/world/club-friendly/pogon-szczecin-ruz...	Pogon Szczecin (Pol)	Ruzomberok (Svk)	1.74	3.70	4.09	0.525719
8661	16:00	2021-06-29	/soccer/world/club-friendly/rapid-vienna-admir...	SK Rapid Vienna (Am) (Aut)	Admira (Am) (Aut)	1.67	4.20	4.08	0.525719
8658	15:00	2021-06-29	/soccer/world/club-friendly/slovacko-l-mikulas...	Slovacko (Cze)	L. Mikulas (Svk)	1.43	4.44	6.13	0.525719
8662	16:30	2021-06-29	/soccer/world/club-friendly/spartak-moscow-nef...	Spartak Moscow (Rus)	Neftci Baku (Aze)	1.38	4.81	6.72	0.525719
8666	17:30	2021-06-29	/soccer/world/club-friendly/sv-donau-stripfing...	SV Donau (Aut)	Stripfing (Aut)	9.40	6.58	1.22	0.525719
8657	11:00	2021-06-29	/soccer/world/club-friendly/vejle-silkeborg-WI...	Vejle (Den)	Silkeborg (Den)	1.85	3.74	3.74	0.525719
8654	18:00	2021-06-29	/soccer/faroe-islands/premier-league/toftir-hb...	Toftir	HB Torshavn	14.42	8.72	1.11	0.299700
8663	17:00	2021-06-29	/soccer/world/club-friendly/salzburg-olympiaco...	Salzburg (Aut)	Olympiacos Piraeus (Gre)	1.97	3.77	3.17	0.190842

hora date area_league team1 team2 team1_odds draw_odds team2_odds objetivo

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
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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
9978	00:00	2021-06-29	/soccer/brazil/serie-a/atletico-go-bragantino-...	Atletico GO	Bragantino	3.31	3.22	2.26	TEAM1
9976	23:00	2021-06-29	/soccer/brazil/serie-b/confianca-coritiba-Ctyp...	Confianca	Coritiba	2.77	3.10	2.56	DRAW

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
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In []: