

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
9	03/06/2021	18:05	baseball	usa	mlb	Pittsburgh Pirates	Miami Marlins	7.5	1.9	100	UNDER
8	03/06/2021	19:00	basketball	usa	nba	Portland Trail Blazers	Denver Nuggets	227.5	1.9	100	OVER

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_stev HUDSON_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
176	03/06/2021	19:00	basketball	usa	nba	Portland Trail Blazers	Denver Nuggets	227.5	1.9	100	OVER
175	03/06/2021	21:30	basketball	usa	nba	Los Angeles Lakers	Phoenix Suns	207.5	1.9	100	UNDER

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
59	03/06/2021	18:05	baseball	usa	mlb	Pittsburgh Pirates	Miami Marlins	7.5	1.9	100	UNDER
60	03/06/2021	20:45	baseball	usa	mlb	San Francisco Giants	Chicago Cubs	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.correcion_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.correcion_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.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
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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.correcion_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.correcion_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.correcion_horario(df)
```

Out[12]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
4135	10:30	04/06/2021	soccer@finland	ykkonen	Mikkelin	KPV Kokkola	2.83	3.57	2.26	TEAM2	191.448942	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.correcion_horario(df)
```

Out[13]:

	hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating
4130	11:00	04/06/2021	soccer@sweden	division-1-norra	Gefle	Assyriska FF	1.82	3.90	3.68	TEAM1	168.560361
4134	13:00	04/06/2021	soccer@sweden	division-1-sodra	Vanersborgs IF	Lindome	2.52	3.68	2.44	TEAM1	-85.363174

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
857	03/06/2021	19:15	baseball	usa	mlb	St.Louis Cardinals	Cincinnati Reds	X1	1.65	137.0

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

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

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
252	01:00	2021-06-04	/basketball/usa/nba/portland-trail-blazers-den...	Portland Trail Blazers	Denver Nuggets	1.5	0.0	2.67	0.548468

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
1669	2021-06-04	00:05	baseball	usa	mlb	Pittsburgh Pirates	Miami Marlins	UNDER	0.509749	1.9	100
1670	2021-06-04	01:00	basketball	usa	nba	Portland Trail Blazers	Denver Nuggets	OVER	0.593876	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
------	------	-------	------	--------	-------	-------	----------	-----	------------

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
2320	2021-06-04	00:05	baseball	usa	mlb	Pittsburgh Pirates	Miami Marlins	9.5	1.44	100	0.509749
2321	2021-06-04	01:10	baseball	usa	mlb	Chicago White Sox	Detroit Tigers	10.0	1.39	100	0.331168
2322	2021-06-04	01:15	baseball	usa	mlb	St.Louis Cardinals	Cincinnati Reds	10.5	1.41	100	0.422583
2323	2021-06-04	02:38	baseball	usa	mlb	Los Angeles Angels	Seattle Mariners	11.0	1.41	100	0.814240
2324	2021-06-04	02:45	baseball	usa	mlb	San Francisco Giants	Chicago Cubs	10.0	1.43	100	0.686160
2325	2021-06-04	03:10	baseball	usa	mlb	San Diego Padres	New York Mets	8.5	1.41	100	0.309479
2326	2021-06-04	01:00	basketball	usa	nba	Portland Trail Blazers	Denver Nuggets	232.5	1.59	100	0.593876
2327	2021-06-04	03:30	basketball	usa	nba	Los Angeles Lakers	Phoenix Suns	212.5	1.57	100	0.514070

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
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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
1019	03:30	2021-06-04	/basketball/usa/nba/los-angeles-lakers-phoenix...	Los Angeles Lakers	Phoenix Suns	1.76	0.0	2.13	0.527920
1018	01:00	2021-06-04	/basketball/usa/nba/portland-trail-blazers-den...	Portland Trail Blazers	Denver Nuggets	1.50	0.0	2.67	0.548468

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
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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
935	00:30	2021-06-04	/hockey/usa/nhl/new-york-islanders-boston-brui...	New York Islanders	Boston Bruins	3.0	4.03	2.13	0.520352
936	01:00	2021-06-04	/hockey/usa/nhl/tampa-bay-lightning-carolina-h...	Tampa Bay Lightning	Carolina Hurricanes	2.0	4.20	3.14	0.611707

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")
```

```
df_prediccion = dsp.load_data(tbl="tbl_fallio_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
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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

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

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
812	21:30	2021-06-04	/soccer/brazil/serie-b/goias-confianca-YJcFzGFf/	Goias	Confianca	1.89	3.07	4.66	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
8327	17:00	2021-06-04	/soccer/sweden/division-1-norra/gefle-assyrisk...	Gefle	Assyriska FF	1.82	3.90	3.68	0.556434
8331	17:00	2021-06-04	/soccer/world/club-friendly/as-koma-elektra-wa...	ASK Elektra (Aut)	WAF Brigittenau (Aut)	1.49	4.84	4.79	0.525719
8330	16:30	2021-06-04	/soccer/world/club-friendly/bohumin-hlucin-OMu...	Bohumin (Cze)	Hlucin (Cze)	4.05	4.63	1.58	0.525719
8337	18:00	2021-06-04	/soccer/world/club-friendly/mannsworth-sportun...	Mannsworth (Aut)	Sportunion Mauer (Aut)	3.63	4.81	1.65	0.525719
8328	10:00	2021-06-04	/soccer/world/club-friendly/mjondalen-ull-kisa...	Mjondalen (Nor)	Ull/Kisa (Nor)	1.45	4.66	5.27	0.525719
8336	18:00	2021-06-04	/soccer/world/club-friendly/pergwels-0OQR3VIB/	Perg (Aut)	Wels (Aut)	3.86	4.43	1.63	0.525719
8329	15:00	2021-06-04	/soccer/world/club-friendly/stjordals-blink-le...	Stjordals Blink (Nor)	Levanger (Nor)	1.59	4.55	4.12	0.525719
8338	18:00	2021-06-04	/soccer/world/club-friendly/strass-grazer-ak-d...	Strass (Aut)	Grazer (Am) (Aut)	1.64	4.74	3.54	0.525719
8332	17:30	2021-06-04	/soccer/world/club-friendly/sv-donau-first-vie...	SV Donau (Aut)	First Vienna (Aut)	9.36	6.79	1.20	0.525719
8334	17:30	2021-	/soccer/world/club-friendly/sv-	Stammersdorf	Fortuna 05	1.90	5.74	7.05	0.525719

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
8335	18:00	2021-06-04	/soccer/world/club-friendly/sv-leithaprodersdo...	Leithaprodersdorf (Aut)	Traiskirchen (Aut)	6.24	5.63	1.33	0.525719
8333	17:30	2021-06-04	/soccer/world/club-friendly/vols-reichenau-WIM...	Vols (Aut)	Reichenau (Aut)	4.10	4.50	1.50	0.525719
8326	16:30	2021-06-04	/soccer/finland/ykkonen/mikkelin-kpv-kokkola-Y...	Mikkelin	KPV Kokkola	2.83	3.57	2.26	0.507428
8325	19:00	2021-06-04	/soccer/sweden/division-1-sodra/vanersborgs-if...	Vanersborgs IF	Lindome	2.52	3.68	2.44	0.255695

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
1970	16:30	2021-06-04	/soccer/finland/ykkonen/mikkelin-kpv-kokkola-Y...	Mikkelin	KPV Kokkola	2.83	3.57	2.26	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
9676	16:30	2021-06-04	/soccer/finland/ykkonen/mikkelin-kpv-kokkola-Y...	Mikkelin	KPV Kokkola	2.83	3.57	2.26	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
hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In []: