

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
129	14/07/2021	20:00	basketball	usa	nba	Milwaukee Bucks	Phoenix Suns	220.5	1.9	100	OVER

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_stevehudson_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
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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
204	14/07/2021	20:00	basketball	usa	nba	Milwaukee Bucks	Phoenix Suns	220.5	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]:

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

Out[12]:

hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc
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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
5052	19:30	14/07/2021	soccer@brazil	serie-b	Remo	Brusque	3.02	3.0	2.48	DRAW	29.308395	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
944	14/07/2021	19:30	soccer	brazil	serie-b	Remo	Brusque	X2	2.48	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
------	------	-------------	-------	-------	------------	-----------	------------	----------

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
284	17:00	2021-07-15	/soccer/world/club-friendly/aek-larnaca-doxa-0...	AEK Larnaca (Cyp)	Doxa (Cyp)	1.78	3.77	4.02	0.260797

GANAN 1 si objetivo es mayor a 0.52, GANAN 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
1762	2021-07-15	01:30	soccer	brazil	serie-b	Remo	Brusque	X2	1 0	2.48	100

```
1702 2021-07-15 01:00 soccer brazil serie-b henro brusque 72 1.0 2.40 100
      date hora sport area league team1 team2 objetivo outcome odd m_criterio
```

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
2684 2021-07-15 16:30 soccer finland ykkonen MuSa PK-35 3.25 1.3 100 0.862874
2683 2021-07-15 02:00 basketball usa nba Milwaukee Bucks Phoenix Suns 225.50 1.6 100 0.471258
```

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
662	2021-07-15	02:00	basketball	usa	nba	Milwaukee Bucks	Phoenix Suns	-4.5	1.9	100	0.550812

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
1060	02:00	2021-07-15	/basketball/usa/nba/milwaukee-bucks-phoenix-su...	Milwaukee Bucks	Phoenix Suns	1.52	0.0	2.66	0.519195

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

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

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

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


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

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
9228	20:00	2021-07-15	/soccer/world/club-friendly/marseille-servette...	Marseille (Fra)	Servette (Sui)	1.36	4.84	7.48	0.867950
9212	16:30	2021-07-15	/soccer/finland/ykkonen/musa-pk-35-KxsjygmB/	MuSa	PK-35	2.51	3.18	2.79	0.805205
9215	12:00	2021-07-15	/soccer/world/club-friendly/heracles-rodinhau...	Heracles (Ned)	Rodinhhausen (Ger)	1.40	5.11	6.40	0.758119
9226	19:30	2021-07-15	/soccer/world/club-friendly/aek-apollo-limass...	AEK Athens FC (Gre)	Apollon (Cyp)	1.53	4.10	5.46	0.696209
9213	00:30	2021-07-15	/soccer/world/club-friendly/detroit-city-buffa...	Detroit (Usa)	Buffalo (Usa)	1.41	4.69	5.79	0.525719
9219	16:00	2021-07-15	/soccer/world/club-friendly/dun-streda-ujpest-...	Dun. Streda (Svk)	Ujpest (Hun)	2.17	3.74	2.90	0.525719
9214	10:00	2021-07-15	/soccer/world/club-friendly/dynamo-moscow-jabl...	Dynamo Moscow (Rus)	Jablonec (Cze)	2.07	3.60	3.20	0.525719
9216	13:00	2021-07-15	/soccer/world/club-friendly/dynamo-moscow-mtk-...	Dynamo Moscow (Rus)	MTK Budapest (Hun)	2.08	3.80	3.12	0.525719
9220	16:00	2021-07-15	/soccer/world/club-friendly/kisvarda-fc-maccab...	Kisvarda (Hun)	Maccabi Petah Tikva (Isr)	2.21	3.60	2.96	0.525719
9225	19:30	2021-07-15	/soccer/world/club-friendly/parkgate-penistone...	Parkgate (Eng)	Penistone Church (Eng)	3.79	4.96	1.60	0.525719
9217	14:00	2021-07-15	/soccer/world/club-friendly/plzen-arsenal-tula...	Plzen (Cze)	Arsenal Tula (Rus)	1.71	3.84	4.39	0.525719
9224	18:00	2021-07-15	/soccer/world/club-friendly/spvg-olpe-siegen-r...	SpVg Olpe (Ger)	Siegen (Ger)	5.67	6.47	1.29	0.525719
9223	18:00	2021-07-15	/soccer/world/club-friendly/straelen-venlo-ti7...	Straelen (Ger)	Venlo (Ned)	6.64	5.64	1.36	0.525719
9227	19:30	2021-07-15	/soccer/world/club-friendly/yorkshire-amateur-...	Yorkshire (Am) (Eng)	Guiseley (Eng)	4.60	4.41	1.54	0.525719
9218	15:30	2021-07-15	/soccer/world/club-friendly/ael-limassol-ol-ni...	AEL Limassol (Cyp)	Ol. Nicosia (Cyp)	2.24	3.55	2.85	0.485658
9221	17:00	2021-07-15	/soccer/world/club-friendly/aek-larnaca-doxa-0...	AEK Larnaca (Cyp)	Doxa (Cyp)	1.78	3.77	4.02	0.260797
9222	17:00	2021-07-15	/soccer/world/club-friendly/qarabag-agdam-augs...	Qarabag (Aze)	Augsburg (Ger)	5.74	5.57	1.40	0.108053

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
2075	16:30	2021-07-15	/soccer/finland/ykkonen/musa-pk-35-KxsjygmB/	MuSa	PK-35	2.51	3.18	2.79	TEAM2
2069	13:00	2021-07-15	/soccer/tanzania/ligi-kuu-bara/tanzania-prison...	Tanzania Prisons	Biashara Mara United	2.20	3.10	3.19	TEAM1

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
10170	01:30	2021-07-15	/soccer/brazil/serie-b/remo-brusque-WKpkS1ji/	Remo	Brusque	3.02	3.00	2.48	DRAW
10179	16:30	2021-07-15	/soccer/finland/ykkonen/musa-pk-35-KxsjygmB/	MuSa	PK-35	2.51	3.18	2.79	TEAM2
10173	13:00	2021-07-15	/soccer/tanzania/ligi-kuu-bara/tanzania-prison...	Tanzania Prisons	Biashara Mara United	2.20	3.10	3.19	TEAM1

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 []: