

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
17	07/06/2021	21:10	baseball	usa	mlb	San Diego Padres	Chicago Cubs	8	1.90	100	UNDER
16	08/06/2021	12:00	soccer	sweden	superettan	GAIS	Landskrona	TEAM1	2.09	100	TEAM1

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
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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
64	07/06/2021	21:10	baseball	usa	mlb	San Diego Padres	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.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
55	08/06/2021	12:00	soccer	sweden	superettan	GAIS	Landskrona	TEAM1	2.09	100	TEAM1

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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```
date hora sport area league team1 team2 objetivo odd criterio outcome
data 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
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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.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
870	07/06/2021	18:30	basketball	usa	nba	Brooklyn Nets	Milwaukee Bucks	UNDER-242.5	1.58	100.0
869	07/06/2021	21:00	basketball	usa	nba	Phoenix Suns	Denver Nuggets	UNDER-226	1.58	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
------	------	-------------	-------	-------	------------	-----------	------------	----------

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
256	00:30	2021-06-08	/basketball/usa/nba/brooklyn-nets-milwaukee-bu...	Brooklyn Nets	Milwaukee Bucks	1.92	0.0	1.96	0.548157
257	03:00	2021-06-08	/basketball/usa/nba/phoenix-suns-denver-nugget...	Phoenix Suns	Denver Nuggets	1.49	0.0	2.69	0.559705

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
1676	2021-06-08	03:10	baseball	usa	mlb	San Diego Padres	Chicago Cubs	UNDER	0.508301	1.9	100
1677	2021-06-08	00:30	basketball	usa	nba	Brooklyn Nets	Milwaukee Bucks	UNDER	0.323529	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
1525	2021-06-08	15:20	soccer	iran	division-1	Chooka Talesh	Khooshe Talae	TEAM2	2.42	277
1524	2021-06-08	15:55	soccer	iran	division-1	Qashqai Shiraz	Gol Reyhan Alborz	TEAM1	1.64	427
1526	2021-06-08	03:10	baseball	usa	mlb	San Diego Padres	Chicago Cubs	UNDER	1.90	297

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
1832	15:55	2021-06-08	/soccer/iran/division-1/qashqai-shiraz-gol-rey...	Qashqai Shiraz	Gol Reyhan Alborz	1.64	3.36	5.12	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
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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
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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
2343	2021-06-08	03:10	baseball	usa	mlb	San Diego Padres	Chicago Cubs	10.0	1.42	100	0.508301
2345	2021-06-08	00:30	basketball	usa	nba	Brooklyn Nets	Milwaukee Bucks	242.5	1.58	100	0.323529
2344	2021-06-08	03:00	basketball	usa	nba	Phoenix Suns	Denver Nuggets	226.0	1.58	100	0.376812

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
475	2021-06-08	02:38	baseball	usa	mlb	Los Angeles Angels	Kansas City Royals	-1.0	1.9	100	0.176807
474	2021-06-08	00:30	basketball	usa	nba	Brooklyn Nets	Milwaukee Bucks	1.0	1.9	100	0.559751
473	2021-06-08	03:00	basketball	usa	nba	Phoenix Suns	Denver Nuggets	-5.0	1.9	100	0.495062

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
1024	00:30	2021-06-08	/basketball/usa/nba/brooklyn-nets-milwaukee-bu...	Brooklyn Nets	Milwaukee Bucks	1.92	0.0	1.96	0.548157

1025	03:00	2021-06-08	/basketball/usa/nba/phoenix-suns-denver-nugget...	Phoenix Suns	Denver Nuggets	1.49	0.0	2.69	0.559705
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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
945	23:30	2021-06-08	/hockey/usa/nhl/carolina-hurricanes-tampa-bay-...	Carolina Hurricanes	Tampa Bay Lightning	2.69	4.08	2.28	0.485868
944	01:00	2021-06-08	/hockey/usa/nhl/montreal-canadiens-winnipeg-je...	Montreal Canadiens	Winnipeg Jets	2.10	4.17	2.98	0.585874

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
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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
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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
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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
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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
125	00:00	2021-06-08	soccer/brazil_serie-b	Vitoria	Nautico	3.61	2.8	2.27	FAVORITO-1-Nautico-0.09

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
8359	18:00	2021-06-08	/soccer/world/club-friendly/ask-voitsberg-stad...	ASK Voitsberg (Aut)	FC Trofaiach (Aut)	1.21	5.48	9.35	0.525719
8358	18:00	2021-06-08	/soccer/world/club-friendly/gleisdorf-sv-union...	Gleisdorf (Aut)	SV Union Gnas (Aut)	1.19	6.17	8.93	0.525719
8357	17:00	2021-06-08	/soccer/world/club-friendly/raufoss-kongsvinge...	Raufoss (Nor)	Kongsvinger (Nor)	1.70	3.86	4.23	0.525719
8360	19:45	2021-06-08	/soccer/world/club-friendly/rochester-united-l...	Rochester Utd (Eng)	Lordswood (Eng)	3.85	3.87	1.75	0.525719

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
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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 []: