In [1]:

```python
import os
import pandas as pd
import numpy as np
import warnings
warnings.filterwarnings('ignore')
import datetime
import dsp
```

Daily selection

In [2]:

```python
df_prediccion = dsp.load_data(tbl="tbl_stevehudson_soccer")
df=dsp.daily_prediction(df_prediccion)
dsp.correcion_horario(df)
```

Out[2]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In [3]:

```python
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-5
dsp.correcion_horario(df)
```

Out[3]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
33	14/04/2021	20:00	basketball	usa	nba	Houston Rockets	Indiana Pacers	234.0	1.57	100	OVER
34	14/04/2021	21:00	basketball	usa	nba	Denver Nuggets	Miami Heat	209.0	1.57	100	UNDER

In [4]:

```python
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium_ou_base")
df=dsp.daily_prediction_criterio(df_prediccion)
df['objetivo'] = df['objetivo']-2
dsp.correcion_horario(df)
```

Out[4]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

In [5]:

```python
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[5]:

date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome

In [6]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_0")
df = dsp.daily_prediction_model(df_prediccion)
dsp.correcion_horario(df)
```

Out[6]:

hora	date	area	league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo	Rating	auc

In [7]:

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

Out[7]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

NHL CLUSTER FALLO

In [8]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_nhl")
dsp.daily_prediction(df_prediccion)
```

Out[8]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

TAN!! SPECIAL SELECTION

In [9]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN")
df=dsp.daily_prediction(df_prediccion)
dsp.correcion_horario(df)
```

Out[9]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In [10]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_hockey")
dsp.daily_prediction(df_prediccion)
```

Out[10]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Gana Favorito en ODDs finales.

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_inversos")
dsp.daily_prediction(df_prediccion)
```

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
148	02:30	2021-04-15	/basketball/usa/nba/memphis-grizzlies-dallas-m...	Memphis Grizzlies	Dallas Mavericks	2.25	0.0	1.68	0.546277
149	03:00	2021-04-15	/basketball/usa/nba/sacramento-kings-washingto...	Sacramento Kings	Washington Wizards	2.14	0.0	1.74	0.554843
150	00:30	2021-04-15	/basketball/usa/nba/toronto-raptors-san-antoni...	Toronto Raptors	San Antonio Spurs	2.84	0.0	1.45	0.472674

GANA 1 si objetivo es mayor a 0.52, GANA 2 si es menor a 49

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6_glicko")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Premium

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_premium")
dsp.daily_prediction_criterio(df_prediccion)
```

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
1250	2021-04-15	00:00	basketball	usa	nba	Charlotte Hornets	Cleveland Cavaliers	OVER	0.777558	1.9	100
1251	2021-04-15	00:00	basketball	usa	nba	Philadelphia 76ers	Brooklyn Nets	OVER	0.649322	1.9	100
1252	2021-04-15	00:30	basketball	usa	nba	Toronto Raptors	San Antonio Spurs	OVER	0.843456	1.9	100
1253	2021-04-15	01:00	basketball	usa	nba	Detroit Pistons	Los Angeles Clippers	OVER	0.818173	1.9	100
1254	2021-04-15	01:00	basketball	usa	nba	Chicago Bulls	Orlando Magic	UNDER	0.283405	1.9	100
1255	2021-04-15	01:00	basketball	usa	nba	Minnesota Timberwolves	Milwaukee Bucks	OVER	0.607552	1.9	100
1256	2021-04-15	01:00	basketball	usa	nba	New Orleans Pelicans	New York Knicks	UNDER	0.291360	1.9	100
1257	2021-04-15	02:30	basketball	usa	nba	Memphis Grizzlies	Dallas Mavericks	OVER	0.681789	1.9	100
1258	2021-04-15	03:00	basketball	usa	nba	Sacramento Kings	Washington Wizards	UNDER	0.320029	1.9	100

Criterio

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio")
dsp.daily_prediction_criterio(df_prediccion)
```

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1234	2021-04-15	17:00				Shahr	Zob Ahan	TEAM1	1.74	201

	date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio
1284	2021-04-15	17:00	soccer	iran	persian-gulf-pro-league	Khodrou	Zob Ahan	TEAM1	1.74	291
1285	2021-04-15	23:00	soccer	morocco	botola-pro	Wydad	Mouloudia Oujda	TEAM1	1.52	190
1288	2021-04-15	21:00	soccer	panama	lpf	Veraguas	Tauro	TEAM2	2.71	202
1286	2021-04-15	14:20	soccer	uzbekistan	super-league	Nasaf Qarshi	Termez Surkhon	TEAM1	1.42	109
1287	2021-04-15	14:20	soccer	uzbekistan	super-league	Sogdiana	Mashal Muborak	TEAM1	1.55	208

In [15]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN11")
dsp.daily_prediction(df_prediccion)
```

Out[15]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
1478	17:00	2021-04-15	/soccer/iran/persian-gulf-pro-league/shahr-kho...	Shahr Khodrou	Zob Ahan	1.74	3.20	5.04	TEAM1
1479	23:00	2021-04-15	/soccer/morocco/botola-pro/wydad-mouloudia-ouj...	Wydad	Mouloudia Oujda	1.52	3.72	5.97	TEAM1
1480	14:20	2021-04-15	/soccer/uzbekistan/super-league/nasaf-qarshi-t...	Nasaf Qarshi	Termez Surkhon	1.42	3.86	7.95	TEAM1
1481	14:20	2021-04-15	/soccer/uzbekistan/super-league/sogdiana-masha...	Sogdiana	Mashal Muborak	1.55	3.44	6.43	TEAM1

In [16]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio2")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[16]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

In [17]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machinTAN_criterio3")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[17]:

date	hora	sport	area	league	team1	team2	objetivo	odd	m_criterio

OVER UNDER

In [18]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_base1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[18]:

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1381	2021-04-15	00:10	baseball	usa	mlb	Houston Astros	Detroit Tigers	10.0	1.41	100	0.739358
1382	2021-04-15	00:10	baseball	usa	mlb	New York Mets	Philadelphia Phillies	10.0	1.44	100	0.346929
1383	2021-04-15	00:20	baseball	usa	mlb	Atlanta Braves	Miami Marlins	10.5	1.47	100	0.702767
1384	2021-04-15	03:10	baseball	usa	mlb	Los Angeles Dodgers	Colorado Rockies	9.5	1.45	100	0.781752
1385	2021-04-15	00:00	basketball	usa	nba	Charlotte Hornets	Cleveland Cavaliers	217.5	1.58	100	0.777558

	date	hora	sport	area	league	team1	team2	objetivo	odd	criterio	outcome
1386	2021-04-15	00:00	basketball	usa	nba	Philadelphia 76ers	Brooklyn Nets	230.0	1.58	100	0.649322
1387	2021-04-15	00:30	basketball	usa	nba	Toronto Raptors	San Antonio Spurs	226.5	1.58	100	0.843456
1388	2021-04-15	01:00	basketball	usa	nba	Detroit Pistons	Los Angeles Clippers	221.5	1.57	100	0.818173
1389	2021-04-15	01:00	basketball	usa	nba	Chicago Bulls	Orlando Magic	219.5	1.56	100	0.283405
1390	2021-04-15	01:00	basketball	usa	nba	Minnesota Timberwolves	Milwaukee Bucks	239.0	1.57	100	0.607552
1391	2021-04-15	01:00	basketball	usa	nba	New Orleans Pelicans	New York Knicks	224.5	1.56	100	0.291360
1392	2021-04-15	02:00	basketball	usa	nba	Houston Rockets	Indiana Pacers	239.0	1.57	100	0.436407
1393	2021-04-15	02:00	basketball	usa	nba	Oklahoma City Thunder	Golden State Warriors	229.0	1.54	100	0.534901
1394	2021-04-15	02:30	basketball	usa	nba	Memphis Grizzlies	Dallas Mavericks	230.5	1.58	100	0.681789
1395	2021-04-15	03:00	basketball	usa	nba	Denver Nuggets	Miami Heat	214.0	1.57	100	0.505943
1396	2021-04-15	03:00	basketball	usa	nba	Sacramento Kings	Washington Wizards	246.5	1.59	100	0.320029
1397	2021-04-15	00:00	hockey	usa	nhl	Montreal Canadiens	Calgary Flames	6.5	1.44	100	0.565118
1398	2021-04-15	00:00	hockey	usa	nhl	Ottawa Senators	Winnipeg Jets	7.0	1.37	100	0.125886
1399	2021-04-15	03:00	hockey	usa	nhl	Los Angeles Kings	Vegas Golden Knights	6.5	1.44	100	0.585943

NBA

In [19]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nba")
dsp.daily_prediction(df_prediccion)
```

Out[19]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
711	00:00	2021-04-15	/basketball/usa/nba/charlotte-hornets-clevelan...	Charlotte Hornets	Cleveland Cavaliers	1.63	0	2.36	0.658443
715	01:00	2021-04-15	/basketball/usa/nba/chicago-bulls-orlando-magi...	Chicago Bulls	Orlando Magic	1.20	0	4.80	0.569664
720	03:00	2021-04-15	/basketball/usa/nba/denver-nuggets-miami-heat-...	Denver Nuggets	Miami Heat	1.42	0	3.00	0.580838
714	01:00	2021-04-15	/basketball/usa/nba/detroit-pistons-los-angele...	Detroit Pistons	Los Angeles Clippers	2.32	0	1.65	0.348615
717	02:00	2021-04-15	/basketball/usa/nba/houston-rockets-indiana-pa...	Houston Rockets	Indiana Pacers	2.57	0	1.54	0.400173
719	02:30	2021-04-15	/basketball/usa/nba/memphis-grizzlies-dallas-m...	Memphis Grizzlies	Dallas Mavericks	2.25	0	1.68	0.546277
722	01:00	2021-04-15	/basketball/usa/nba/minnesota-timberwolves-mil...	Minnesota Timberwolves	Milwaukee Bucks	3.54	0	1.26	0.432988
716	01:00	2021-04-15	/basketball/usa/nba/new-orleans-pelicans-new-y...	New Orleans Pelicans	New York Knicks	1.69	0	2.24	0.522931
718	02:00	2021-04-15	/basketball/usa/nba/oklahoma-city-thunder-gold...	Oklahoma City Thunder	Golden State Warriors	6.29	0	1.13	0.487933
712	00:00	2021-04-15	/basketball/usa/nba/philadelphia-76ers-brookly...	Philadelphia 76ers	Brooklyn Nets	1.27	0	4.03	0.566369
721	03:00	2021-04-15	/basketball/usa/nba/sacramento-kings-washingto...	Sacramento Kings	Washington Wizards	2.14	0	1.74	0.554843
713	00:30	2021-04-15	/basketball/usa/nba/toronto-raptors-san-antoni...	Toronto Raptors	San Antonio Spurs	2.84	0	1.45	0.472674

NBA CLUSTER FALLO

In [20]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_nba")
dsp.daily_prediction(df_prediccion)
```

Out[20]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
245	0:0	2021-04-15	basketball/usa_nba	Detroit Pistons	Los Angeles Clippers	4.53	0	1.21	1
246	0:0	2021-04-15	basketball/usa_nba	Chicago Bulls	Orlando Magic	1.20	0	4.73	2
247	0:0	2021-04-15	basketball/usa_nba	Oklahoma City Thunder	Golden State Warriors	5.55	0	1.16	1

NBA FALLO SIN FILTRO

In [21]:

```
df_prediccion = dsp.load_data(tbl="tbl_fallo2_nba")
dsp.daily_prediction(df_prediccion)
```

Out[21]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
459	0:0	2021-04-15	basketball/usa_nba	Houston Rockets	Indiana Pacers	2.86	0	1.44	1
460	0:0	2021-04-15	basketball/usa_nba	Detroit Pistons	Los Angeles Clippers	4.53	0	1.21	1
461	0:0	2021-04-15	basketball/usa_nba	Chicago Bulls	Orlando Magic	1.20	0	4.73	2
462	0:0	2021-04-15	basketball/usa_nba	Oklahoma City Thunder	Golden State Warriors	5.55	0	1.16	1

NHL

In [22]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nhl")
dsp.daily_prediction(df_prediccion)
```

Out[22]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
669	03:00	2021-04-15	/hockey/usa/nhl/los-angeles-kings-vegas-golden...	Los Angeles Kings	Vegas Golden Knights	3.65	4.50	1.79	0.470442
671	02:00	2021-04-15	/hockey/usa/nhl/minnesota-wild-arizona-coyotes...	Minnesota Wild	Arizona Coyotes	1.84	4.35	3.55	0.601304
666	00:00	2021-04-15	/hockey/usa/nhl/montreal-canadiens-calgary-fla...	Montreal Canadiens	Calgary Flames	1.93	4.35	3.27	0.587100
667	00:00	2021-04-15	/hockey/usa/nhl/ottawa-senators-winnipeg-jets-...	Ottawa Senators	Winnipeg Jets	3.38	4.50	1.86	0.474424
670	03:30	2021-04-15	/hockey/usa/nhl/san-jose-sharks-anaheim-ducks-...	San Jose Sharks	Anaheim Ducks	1.88	4.40	3.38	0.624943
668	00:30	2021-04-15	/hockey/usa/nhl/st-louis-blues-colorado-avalan...	St. Louis Blues	Colorado Avalanche	3.50	4.38	1.86	0.418536

MLB

In [23]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_base1")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=['hora'],ascending=True)
```

Out[23]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_soccer")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER CLUSTER FALLO

```
df_prediccion = dsp.load_data(tbl="tbl_fallo_soccer")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

SOCCER EMPATE SECUENCIA

```
df_prediccion = dsp.load_data(tbl="tbl_empate_soccer")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

MILAN - más negativo -77

```
df_prediccion = dsp.load_data(tbl="tbl_favorito_soccer_MILAN")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

CRB - más positivo .49

```
df_prediccion = dsp.load_data(tbl="tbl_favorito_soccer_CRB")
dsp.daily_prediction(df_prediccion)
```

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

LIGA MX

In [29]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_mx1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[29]:

	date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio
180	2021-04-15	03:00	soccer	mexico	liga-mx	Juarez	U.A.N.L.- Tigres	TEAM1	0.500955	3.82	100

NFL

In [30]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_nfl1")
dsp.daily_prediction_criterio(df_prediccion)
```

Out[30]:

date	hora	sport	area	league	team1	team2	objetivo	outcome	odd	m_criterio

HOCKEY

In [31]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin_hockey")
dsp.daily_prediction(df_prediccion)
```

Out[31]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
302	16:30	2021-04-15	/hockey/finland/liiga/kookoo-ilves-tampere-vDO...	KooKoo	Ilves	1.95	4.21	3.26	0.566204
301	16:30	2021-04-15	/hockey/finland/liiga/vaasan-sport-karpat-oulu...	Vaasan Sport	Karpat	2.53	3.83	2.47	0.555312
303	18:30	2021-04-15	/hockey/germany/del/erc-ingolstadt-iserlohn-ro...	ERC Ingolstadt	Iserlohn Roosters	1.59	5.02	4.16	0.561788

Daily predictions machin3.

In [32]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin3")
dsp.daily_prediction(df_prediccion)
```

Out[32]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin6

Objetivo > .50 TEAM1 | Objetivo < .50 TEAM2

In [33]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin6")
dp = dsp.daily_prediction(df_prediccion)
dp.sort_values(by=['objetivo'],ascending=False)
```

Out[33]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7043	19:00	2021-04-15	/soccer/scotland/league-one/partick-montrose-A...	Partick Thistle	Montrose	1.85	3.58	3.89	0.603134
7042	19:00	2021-04-15	/soccer/scotland/league-one/clyde-dumbarton-OS...	Clyde	Dumbarton	2.09	3.44	3.29	0.552477
7041	17:30	2021-04-15	/soccer/bulgaria/parva-liga/montana-lok-plovdi...	Montana	Lok. Plovdiv	6.96	3.35	1.58	0.311074

EXPERIMENTAL

Daily model 53

In [34]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_53")
dsp.daily_prediction(df_prediccion)
```

Out[34]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In [35]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_50")
dsp.daily_prediction(df_prediccion)
```

Out[35]:

	hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo
7630	15:00	2021-04-15	/soccer/armenia/premier-league/ararat-yerevan-...	Ararat Yerevan	Noah	2.08	3.09	3.46	TEAM1
7631	21:00	2021-04-15	/soccer/panama/lpf/veraguas-tauro-lSwDI0Ug/	Veraguas	Tauro	2.52	3.04	2.71	TEAM2
7635	19:00	2021-04-15	/soccer/scotland/league-one/clyde-dumbarton-OS...	Clyde	Dumbarton	2.09	3.44	3.29	TEAM2
7636	19:00	2021-04-15	/soccer/scotland/league-one/partick-montrose-A...	Partick Thistle	Montrose	1.85	3.58	3.89	TEAM2

Daily predictions machin4 EMPATE

In [36]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin4")
dsp.daily_prediction(df_prediccion)
```

Out[36]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

Daily predictions machin5

In [37]:

```
df_prediccion = dsp.load_data(tbl="tbl_prediccion_machin5")
dsp.daily_prediction(df_prediccion)
```

Out[37]:

hora	date	area_league	team1	team2	team1_odds	draw_odds	team2_odds	objetivo

In [ ]: