

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            |
|----|------------|-------|------------|---------|------------------|--------------------|---------------------|----------|------|----------|--------------------|
| 69 | 23/06/2021 | 18:10 | baseball   | usa     | mlb              | Tampa Bay Rays     | Boston Red Sox      | 9        | 1.90 | 100      | OVER               |
| 65 | 23/06/2021 | 19:00 | hockey     | usa     | nhl              | New York Islanders | Tampa Bay Lightning | 0.25     | 1.90 | 100      | New York Islanders |
| 68 | 23/06/2021 | 19:30 | basketball | usa     | nba              | Milwaukee Bucks    | Atlanta Hawks       | 225      | 1.90 | 100      | OVER               |
| 67 | 24/06/2021 | 10:30 | soccer     | finland | ykkonen          | KPV Kokkola        | Gnistan             | 3        | 1.90 | 100      | OVER               |
| 66 | 24/06/2021 | 13:45 | soccer     | uruguay | primera-division | Nacional           | Wanderers           | TEAM1    | 1.79 | 100      | TEAM1              |

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_stevehudson_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 |
|------|------|------|--------|-------|-------|------------|-----------|------------|----------|
|------|------|------|--------|-------|-------|------------|-----------|------------|----------|

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 |
|-----|------------|-------|------------|------|--------|-----------------|---------------|----------|-----|----------|---------|
| 195 | 23/06/2021 | 19:30 | basketball | usa  | nba    | Milwaukee Bucks | Atlanta Hawks | 225.0    | 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 |
|-----|------------|-------|----------|------|--------|----------------|----------------|----------|-----|----------|---------|
| 113 | 23/06/2021 | 18:10 | baseball | usa  | mlb    | Tampa Bay Rays | Boston Red Sox | 9.0      | 1.9 | 100      | OVER    |

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 |
|----|------------|-------|--------|------|--------|--------------------|---------------------|----------|-----|----------|---------|
| 23 | 23/06/2021 | 19:00 | hockey | usa  | nhl    | New York Islanders | Tampa Bay Lightning | 5.0      | 1.9 | 100      | OVER    |

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 |
|-----|------------|-------|--------|---------|------------------|-------------|-----------|----------|-----|----------|---------|
| 119 | 24/06/2021 | 10:30 | soccer | finland | ykkonen          | KPV Kokkola | Gnistan   | 3.00     | 1.9 | 100      | OVER    |
| 118 | 24/06/2021 | 15:00 | soccer | sweden  | division-1-norra | Pitea       | IFK Lulea | 2.75     | 1.9 | 100      | OVER    |

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               |
|-----|------------|-------|------------|------|--------|-----------------------|---------------------|----------|-----|----------|-----------------------|
| 150 | 23/06/2021 | 19:00 | soccer     | usa  | mls    | Chicago Fire          | FC Cincinnati       | -0.75    | 1.9 | 100      | Chicago Fire          |
| 151 | 23/06/2021 | 19:00 | soccer     | usa  | mls    | Club de Foot Montreal | DC United           | 0.00     | 1.9 | 100      | Club de Foot Montreal |
| 147 | 23/06/2021 | 19:00 | hockey     | usa  | nhl    | New York Islanders    | Tampa Bay Lightning | 0.25     | 1.9 | 100      | New York Islanders    |
| 149 | 23/06/2021 | 19:30 | basketball | usa  | nba    | Milwaukee Bucks       | Atlanta Hawks       | 8.00     | 1.9 | 100      | Atlanta Hawks         |

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 |
|--|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|
|--|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|

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 |
|----|------------|-------|--------|---------|------------------|----------|-----------|----------|------|----------|---------|
| 73 | 24/06/2021 | 13:45 | soccer | uruguay | primera-division | Nacional | Wanderers | TEAM1    | 1.79 | 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 |
|--|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|
|--|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|

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     |
|------|-------|------------|---------------|-------------|--------------|-----------|------------|-----------|------------|----------|------------|
| 4557 | 11:00 | 24/06/2021 | soccer@norway | eliteserien | Bodo/Glimt   | Molde     | 2.14       | 3.63      | 3.24       | TEAM2    | 13.728706  |
| 4558 | 11:00 | 24/06/2021 | soccer@norway | eliteserien | Kristiansund | Mjondalen | 1.77       | 3.72      | 4.61       | TEAM2    | 319.852081 |
| 4559 | 11:00 | 24/06/2021 | soccer@norway | eliteserien | Haugesund    | Brann     | 2.02       | 3.47      | 3.71       | TEAM2    | 180.354090 |

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     |
|------|-------|------------|----------------|------------------|-----------|-----------|------------|-----------|------------|----------|------------|
| 4553 | 11:00 | 24/06/2021 | soccer@uruguay | primera-division | Maldonado | Progreso  | 2.10       | 3.20      | 3.51       | TEAM1    | 180.160657 |
| 4554 | 13:45 | 24/06/2021 | soccer@uruguay | primera-division | Nacional  | Wanderers | 1.79       | 3.34      | 4.63       | TEAM1    | 108.560995 |

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 |
|-----|------------|-------|--------|--------|-------------|--------------|------------|----------|------|------------|
| 904 | 24/06/2021 | 11:00 | soccer | norway | eliteserien | Bodo/Glimt   | Molde      | X2       | 3.24 | 188.0      |
| 905 | 24/06/2021 | 11:00 | soccer | norway | eliteserien | Stromsgodset | Sandefjord | X1       | 1.94 | 100.0      |
| 903 | 24/06/2021 | 13:00 | soccer | norway | eliteserien | Stabaek      | Valerenga  | X2       | 2.04 | 287.0      |

## 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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 |
|------|-------|------------|---|------------------------|--------------------|------------|-----------|------------|----------|
| 2475 | 18:00 | 23/06/2021 | /soccer/usa/mls/new-england-revolution-new-yor... | New England Revolution | New York Red Bulls | 1.59       | 4.11      | 5.55       | TEAM1    |
| 2476 | 18:30 | 23/06/2021 | /soccer/usa/mls/new-york-city-atlanta-united-p... | New York City          | Atlanta Utd        | 1.50       | 4.52      | 6.06       | TEAM1    |
| 2477 | 21:00 | 23/06/2021 | /soccer/usa/mls/seattle-sounders-real-salt-lak... | Seattle Sounders       | Real Salt Lake     | 1.62       | 4.04      | 5.35       | TEAM1    |
| 2478 | 21:30 | 23/06/2021 | /soccer/usa/mls/los-angeles-fc-fc-dallas-ILjRo... | Los Angeles FC         | FC Dallas          | 1.37       | 5.14      | 8.03       | TEAM1    |

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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 |
|----|-------|------------|---|------------|-------|------------|-----------|------------|----------|
| 54 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/bodo-glimt-molde-xt... | Bodo/Glimt | Molde | 2.14       | 3.63      | 3.24       | 0.566805 |

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 |
|------|------|-------|------|--------|-------|-------|----------|---------|-----|------------|
|------|------|-------|------|--------|-------|-------|----------|---------|-----|------------|

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 |
|------|------------|-------|----------|-------|--------|------------------------|---------------------|----------|------|------------|
| 1592 | 2021-06-24 | 10:00 | baseball | japan | npb    | Orix Buffaloes         | Nippon Ham Fighters | TEAM1    | 1.85 | 124        |
| 1588 | 2021-06-24 | 00:00 | soccer   | usa   | mls    | New England Revolution | New York Red Bulls  | TEAM1    | 1.59 | 266        |
| 1590 | 2021-06-24 | 00:30 | soccer   | usa   | mls    | New York City          | Atlanta Utd         | TEAM1    | 1.50 | 204        |
| 1589 | 2021-06-24 | 03:00 | soccer   | usa   | mls    | Seattle Sounders       | Real Salt Lake      | TEAM1    | 1.62 | 282        |
| 1591 | 2021-06-24 | 03:30 | soccer   | usa   | mls    | Los Angeles FC         | FC Dallas           | TEAM1    | 1.37 | 124        |

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 |
|------|-------|------------|---|------------------------|--------------------|------------|-----------|------------|----------|
| 1861 | 00:00 | 2021-06-24 | /soccer/usa/mls/new-england-revolution-new-yor... | New England Revolution | New York Red Bulls | 1.59       | 4.11      | 5.55       | TEAM1    |
| 1862 | 03:00 | 2021-06-24 | /soccer/usa/mls/seattle-sounders-real-salt-lak... | Seattle Sounders       | Real Salt Lake     | 1.62       | 4.04      | 5.35       | 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 |
|------|------|-------|------|--------|-------|-------|----------|-----|------------|
|------|------|-------|------|--------|-------|-------|----------|-----|------------|

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  |
|------|------------|-------|------------|---------|------------------|---------------------|--------------------|----------|------|----------|----------|
| 2512 | 2021-06-24 | 16:30 | soccer     | finland | ykkonen          | KPV Kokkola         | Gnistan            | 4.00     | 1.22 | 100      | 0.205700 |
| 2508 | 2021-06-24 | 17:00 | soccer     | norway  | eliteserien      | Bodo/Glimt          | Molde              | 4.25     | 1.34 | 100      | 0.072253 |
| 2509 | 2021-06-24 | 17:00 | soccer     | norway  | eliteserien      | Kristiansund        | Mjondalen          | 3.50     | 1.35 | 100      | 0.769071 |
| 2510 | 2021-06-24 | 17:00 | soccer     | norway  | eliteserien      | Haugesund           | Brann              | 3.50     | 1.35 | 100      | 0.192330 |
| 2511 | 2021-06-24 | 19:00 | soccer     | norway  | eliteserien      | Stabaek             | Valerenga          | 3.75     | 1.34 | 100      | 0.203345 |
| 2516 | 2021-06-24 | 21:00 | soccer     | sweden  | division-1-norra | Pitea               | IFK Lulea          | 3.75     | 1.36 | 100      | 0.229213 |
| 2514 | 2021-06-24 | 18:00 | soccer     | sweden  | division-1-sodra | Vanersborgs IF      | Utsiktens          | 3.75     | 1.34 | 100      | 0.283458 |
| 2515 | 2021-06-24 | 18:00 | soccer     | sweden  | division-1-sodra | Skovde AIK          | Lunds              | 4.00     | 1.30 | 100      | 0.691307 |
| 2503 | 2021-06-24 | 00:10 | baseball   | usa     | mlb              | Tampa Bay Rays      | Boston Red Sox     | 11.00    | 1.40 | 100      | 0.729878 |
| 2506 | 2021-06-24 | 00:30 | soccer     | usa     | mls              | Philadelphia Union  | Columbus Crew      | 3.50     | 1.34 | 100      | 0.869474 |
| 2507 | 2021-06-24 | 03:30 | soccer     | usa     | mls              | Vancouver Whitecaps | Los Angeles Galaxy | 3.75     | 1.35 | 100      | 0.860947 |
| 2504 | 2021-06-24 | 01:30 | basketball | usa     | nba              | Milwaukee Bucks     | Atlanta Hawks      | 230.00   | 1.59 | 100      | 0.546243 |

|      | date       | hora  | sport  | area | league | team1              | team2               | objetivo | odd  | criterio | outcome  |
|------|------------|-------|--------|------|--------|--------------------|---------------------|----------|------|----------|----------|
| 2505 | 2021-06-24 | 01:00 | hockey | usa  | nhl    | New York Islanders | Tampa Bay Lightning | 6.00     | 1.37 | 100      | 0.479478 |

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  |
|-----|------------|-------|------------|------|--------|-----------------------|---------------------|----------|-----|----------|----------|
| 561 | 2021-06-24 | 00:05 | baseball   | usa  | mlb    | Baltimore Orioles     | Houston Astros      | 2.00     | 1.9 | 100      | 0.352110 |
| 562 | 2021-06-24 | 00:10 | baseball   | usa  | mlb    | Tampa Bay Rays        | Boston Red Sox      | -1.00    | 1.9 | 100      | 0.892165 |
| 557 | 2021-06-24 | 01:00 | soccer     | usa  | mls    | Chicago Fire          | FC Cincinnati       | -0.75    | 1.9 | 100      | 0.268064 |
| 558 | 2021-06-24 | 01:00 | soccer     | usa  | mls    | Club de Foot Montreal | DC United           | 0.00     | 1.9 | 100      | 0.199874 |
| 559 | 2021-06-24 | 03:30 | soccer     | usa  | mls    | Los Angeles FC        | FC Dallas           | -1.50    | 1.9 | 100      | 0.189409 |
| 560 | 2021-06-24 | 01:30 | basketball | usa  | nba    | Milwaukee Bucks       | Atlanta Hawks       | -8.00    | 1.9 | 100      | 0.524310 |
| 556 | 2021-06-24 | 01:00 | hockey     | usa  | nhl    | New York Islanders    | Tampa Bay Lightning | 0.25     | 1.9 | 100      | 0.488113 |

## 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 |
|------|-------|------------|---|-----------------|---------------|------------|-----------|------------|----------|
| 1048 | 01:30 | 2021-06-24 | /basketball/usa/nba/milwaukee-bucks-atlanta-ha... | Milwaukee Bucks | Atlanta Hawks | 1.28       | 0.0       | 3.88       | 0.552103 |

## 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 |
|-----|-------|------------|---|--------------------|---------------------|------------|-----------|------------|----------|
| 959 | 01:00 | 2021-06-24 | /hockey/usa/nhl/new-york-islanders-tampa-bay-l... | New York Islanders | Tampa Bay Lightning | 3.04       | 4.05      | 2.11       | 0.530926 |

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               |
|-----|-------|------------|-------------------------------|---------------|-----------------|------------|-----------|------------|------------------------|
| 815 | 19:00 | 2021-06-24 | soccer/norway_eliteserien     | Stabaek       | Valerenga       | 3.50       | 3.64      | 2.04       | 4-Stabaek-0.08         |
| 816 | 14:00 | 2021-06-24 | soccer/tanzania_ligi-kuu-bara | Ruvu Shooting | Polisi Tanzania | 2.53       | 3.00      | 2.69       | 2-Polisi Tanzania-0.34 |
| 814 | 01:00 | 2021-06-24 | soccer/usa_mls                | Chicago Fire  | FC Cincinnati   | 1.69       | 4.10      | 4.61       | 7-Chicago Fire-0.08    |

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                              |
|-----|-------|------------|---------------------------|----------------------|-----------------|------------|-----------|------------|---------------------------------------|
| 737 | 23:00 | 2021-06-24 | soccer/brazilSerieA       | Ceara                | Atletico-MG     | 3.48       | 3.30      | 2.16       | FALLO-1-Atletico-MG--0.09             |
| 738 | 23:00 | 2021-06-24 | soccer/brazilSerieA       | Chapecoense-SC       | Internacional   | 4.17       | 3.42      | 1.91       | FALLO-3-Internacional--0.33           |
| 741 | 23:00 | 2021-06-24 | soccer/brazilSerieA       | Corinthians          | Sport Recife    | 1.72       | 3.52      | 5.27       | FAVORITO-1-Sport Recife--0.59         |
| 735 | 17:00 | 2021-06-24 | soccer/norway_eliteserien | Odd                  | Tromso          | 1.96       | 3.48      | 3.94       | FALLO-2-Odd--0.47                     |
| 736 | 19:00 | 2021-06-24 | soccer/norway_eliteserien | Stabaek              | Valerenga       | 3.50       | 3.64      | 2.04       | FALLO-5-Valerenga--0.26               |
| 734 | 00:30 | 2021-06-24 | soccer/usa_mls            | Philadelphia Union   | Columbus Crew   | 1.83       | 3.61      | 4.34       | FALLO-1-Philadelphia Union--0.04      |
| 740 | 00:30 | 2021-06-24 | soccer/usa_mls            | Philadelphia Union   | Columbus Crew   | 1.83       | 3.61      | 4.34       | FAVORITO-2-Columbus Crew--0.42        |
| 739 | 01:30 | 2021-06-24 | soccer/usa_mls            | Sporting Kansas City | Colorado Rapids | 1.68       | 4.26      | 4.52       | FAVORITO-1-Sporting Kansas City--0.09 |

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                 |
|-----|-------|------------|---------------------|-------------|--------------|------------|-----------|------------|--------------------------|
| 159 | 23:00 | 2021-06-24 | soccer/brazilSerieA | Corinthians | Sport Recife | 1.72       | 3.52      | 5.27       | FALLO-5-Corinthians-0.27 |

LIGA MX

In [39]:

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 |
|------|------|-------|------|--------|-------|-------|----------|---------|-----|------------|
|------|------|-------|------|--------|-------|-------|----------|---------|-----|------------|

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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 |
|------|-------|------------|---|------------------|----------------|------------|-----------|------------|----------|
| 8526 | 01:00 | 2021-06-24 | /soccer/usa/mls/minnesota-united-austin-fc-Uoe... | Minnesota United | Austin FC      | 1.83       | 3.87      | 4.02       | 0.799812 |
| 8531 | 03:00 | 2021-06-24 | /soccer/usa/mls/seattle-sounders-real-salt-lak... | Seattle Sounders | Real Salt Lake | 1.62       | 4.04      | 5.35       | 0.649769 |
| 8518 | 17:00 | 2021-      | /soccer/norway/eliteserien/haugesund-             | Haugesund        | Brann          | 2.02       | 3.47      | 3.71       | 0.624839 |

| id   | hora  | date       | area_league                                       | team1                  | team2              | team1_odds | draw_odds | team2_odds | objetivo |
|------|-------|------------|---|------------------------|--------------------|------------|-----------|------------|----------|
| 8517 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/kristiansund-mjonda... | Kristiansund           | Mjondalen          | 1.77       | 3.72      | 4.61       | 0.615142 |
| 8522 | 00:00 | 2021-06-24 | /soccer/usa/mls/new-england-revolution-new-yor... | New England Revolution | New York Red Bulls | 1.59       | 4.11      | 5.55       | 0.607151 |
| 8530 | 01:30 | 2021-06-24 | /soccer/usa/mls/nashville-sc-toronto-fc-E7CjSu4F/ | Nashville SC           | Toronto FC         | 2.03       | 3.45      | 3.72       | 0.599477 |
| 8538 | 21:00 | 2021-06-24 | /soccer/sweden/division-1-norra/pitea-ifk-lule... | Pitea                  | IFK Lulea          | 2.15       | 3.59      | 2.95       | 0.581338 |
| 8520 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/odds-bk-tromso-bRz0... | Odd                    | Tromso             | 1.96       | 3.48      | 3.94       | 0.579470 |
| 8524 | 00:30 | 2021-06-24 | /soccer/usa/mls/new-york-city-atlanta-united-p... | New York City          | Atlanta Utd        | 1.50       | 4.52      | 6.06       | 0.576254 |
| 8525 | 01:00 | 2021-06-24 | /soccer/usa/mls/chicago-fire-fc-cincinnati-OQV... | Chicago Fire           | FC Cincinnati      | 1.69       | 4.10      | 4.61       | 0.568463 |
| 8516 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/bodo-glimt-molde-xt... | Bodo/Glimt             | Molde              | 2.14       | 3.63      | 3.24       | 0.566805 |
| 8532 | 03:30 | 2021-06-24 | /soccer/usa/mls/los-angeles-fc-fc-dallas-ILjRo... | Los Angeles FC         | FC Dallas          | 1.37       | 5.14      | 8.03       | 0.558096 |
| 8536 | 18:00 | 2021-06-24 | /soccer/sweden/division-1-sodra/skovde-lunds-b... | Skovde AIK             | Lunds              | 1.92       | 3.83      | 3.39       | 0.539965 |
| 8529 | 01:30 | 2021-06-24 | /soccer/usa/mls/sporting-kansas-city-colorado-... | Sporting Kansas City   | Colorado Rapids    | 1.68       | 4.26      | 4.52       | 0.526566 |
| 8519 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/stromsgodset-sandef... | Stromsgodset           | Sandefjord         | 1.94       | 3.75      | 3.74       | 0.520196 |
| 8523 | 00:30 | 2021-06-24 | /soccer/usa/mls/philadelphia-union-columbus-cr... | Philadelphia Union     | Columbus Crew      | 1.83       | 3.61      | 4.34       | 0.518577 |
| 8537 | 18:00 | 2021-06-24 | /soccer/sweden/division-1-sodra/lindome-qvidin... | Lindome                | Qviding            | 2.46       | 3.67      | 2.50       | 0.473007 |
| 8528 | 01:30 | 2021-06-24 | /soccer/usa/mls/houston-dynamo-portland-timber... | Houston Dynamo         | Portland Timbers   | 2.10       | 3.80      | 3.22       | 0.465873 |
| 8534 | 16:30 | 2021-06-24 | /soccer/finland/ykkonen/kpv-kokkola-gnistan-pp... | KPV Kokkola            | Gnistan            | 1.94       | 3.63      | 3.45       | 0.460011 |
| 8533 | 03:30 | 2021-06-24 | /soccer/usa/mls/vancouver-whitecaps-los-angele... | Vancouver Whitecaps    | Los Angeles Galaxy | 2.90       | 3.51      | 2.37       | 0.455101 |
| 8521 | 19:00 | 2021-06-24 | /soccer/norway/eliteserien/stabaek-valerenga-U... | Stabaek                | Valerenga          | 3.50       | 3.64      | 2.04       | 0.451231 |
| 8527 | 01:00 | 2021-06-24 | /soccer/usa/mls/club-de-foot-montreal-dc-unite... | Club de Foot Montreal  | DC United          | 2.57       | 3.37      | 2.73       | 0.294250 |
| 8535 | 18:00 | 2021-06-24 | /soccer/sweden/division-1-sodra/vanersborgs-if... | Vanersborgs IF         | Utsiktens          | 3.53       | 3.73      | 1.90       | 0.202923 |

## 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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 |
|------|-------|------------|---|--------------|------------|------------|-----------|------------|----------|
| 9903 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/bodo-glimt-molde-xt... | Bodo/Glimt   | Molde      | 2.14       | 3.63      | 3.24       | TEAM2    |
| 9905 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/haugesund-brann-ptj... | Haugesund    | Brann      | 2.02       | 3.47      | 3.71       | TEAM2    |
| 9904 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/kristiansund-mjonda... | Kristiansund | Mjondalen  | 1.77       | 3.72      | 4.61       | TEAM2    |
| 9916 | 17:00 | 2021-06-24 | /soccer/norway/eliteserien/stromsgodset-sandef... | Stromsgodset | Sandefjord | 1.94       | 3.75      | 3.74       | 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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

In [ ]: