

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 |
|-----|------------|-------|----------|---------|---------|--------------------|----------------------|----------|-----|----------|-------------|
| 132 | 16/07/2021 | 19:15 | baseball | usa | mlb | St.Louis Cardinals | San Francisco Giants | 7.5 | 1.9 | 100 | OVER |
| 131 | 17/07/2021 | 14:00 | soccer | croatia | 1-hnl | Rijeka | Gorica | TEAM1 | 1.9 | 100 | TEAM1 |
| 130 | 17/07/2021 | 17:00 | soccer | brazil | serie-a | Corinthians | Atletico-MG | -0.25 | 1.9 | 100 | Corinthians |

In [3]:

```
df_prediccion = dsp.load_data(tbl="tbl_stev HUDSON_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 |
|-----|-------|------------|--------------------------|----------|----------|------------|-----------|------------|------------------|
| 113 | 14:00 | 17/07/2021 | soccer/serbia_super-liga | Proleter | Partizan | 7.72 | 4.53 | 1.39 | 1-Proleter--0.43 |
| 114 | 14:00 | 17/07/2021 | soccer/serbia_super-liga | Proleter | Partizan | 7.72 | 4.53 | 1.39 | 1-Partizan--1.53 |

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

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 |
|-----|------------|-------|----------|------|--------|--------------------|----------------------|----------|-----|----------|---------|
| 159 | 16/07/2021 | 18:05 | baseball | usa | mlb | New York Yankees | Boston Red Sox | 9.5 | 1.9 | 100 | UNDER |
| 160 | 16/07/2021 | 19:10 | baseball | usa | mlb | Kansas City Royals | Baltimore Orioles | 9.5 | 1.9 | 100 | OVER |
| 158 | 16/07/2021 | 19:15 | baseball | usa | mlb | St.Louis Cardinals | San Francisco Giants | 7.5 | 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.correcion_horario(df)
```

Out[6]:

| date | hora | sport | area | league | team1 | team2 | objetivo | odd | criterio | outcome |
|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|
|------|------|-------|------|--------|-------|-------|----------|-----|----------|---------|

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

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 |
|-----|------------|-------|--------|--------|-------------|-------------|-------------|----------|-----|----------|-------------|
| 216 | 17/07/2021 | 11:00 | soccer | norway | eliteserien | Odd | Viking | -0.25 | 1.9 | 100 | Odd |
| 215 | 17/07/2021 | 17:00 | soccer | brazil | serie-a | Corinthians | Atletico-MG | -0.25 | 1.9 | 100 | Corinthians |

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

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 |
|-----|------------|-------|--------|-------------|------------|---------|-------|----------|------|----------|---------|
| 141 | 17/07/2021 | 05:00 | soccer | south-korea | k-league-2 | Jeonnam | Asan | TEAM1 | 1.82 | 100 | TEAM1 |

| | date | hora | sport | area | league | team1 | team2 | objetivo | odd | critério | outcome |
|-----|------------|-------|--------|-------------|-------------|-------------|----------------|----------|------|----------|---------|
| 134 | 17/07/2021 | 08:00 | soccer | south-korea | k-league-2 | Busan | Ansan Greeners | TEAM1 | 2.14 | 100 | TEAM1 |
| 133 | 17/07/2021 | 08:00 | soccer | norway | obos-ligaen | Ull/Kisa | Strommen | TEAM1 | 1.93 | 100 | TEAM1 |
| 135 | 17/07/2021 | 08:00 | soccer | norway | obos-ligaen | Start | Raufoss | TEAM1 | 2.11 | 100 | TEAM1 |
| 137 | 17/07/2021 | 14:00 | soccer | croatia | 1-hnl | Rijeka | Gorica | TEAM1 | 1.90 | 100 | TEAM1 |
| 136 | 17/07/2021 | 16:30 | soccer | brazil | serie-b | Ponte Preta | Remo | TEAM1 | 1.87 | 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 | critério | 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 |
|------|------|------|--------|-------|-------|------------|-----------|------------|----------|--------|-----|
|------|------|------|--------|-------|-------|------------|-----------|------------|----------|--------|-----|

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 |
|------|-------|------------|--------------------|------------------|-------------------|----------------|------------|-----------|------------|----------|------------|
| 5086 | 18:00 | 16/07/2021 | soccer@paraguay | primera-division | Sp. Luqueno | Cerro Porteno | 3.76 | 3.25 | 1.99 | TEAM1 | 141.653830 |
| 5095 | 19:30 | 16/07/2021 | soccer@brazil | serie-b | Sampaio Correa | Coritiba | 3.10 | 2.80 | 2.57 | DRAW | 101.748256 |
| 5118 | 05:00 | 17/07/2021 | soccer@south-korea | k-league-2 | Jeonnam | Asan | 1.82 | 3.38 | 4.36 | TEAM1 | 226.865361 |
| 5160 | 05:00 | 17/07/2021 | soccer@south-korea | k-league-2 | Jeonnam | Asan | 1.82 | 3.38 | 4.36 | TEAM2 | 226.865361 |
| 5119 | 06:00 | 17/07/2021 | soccer@south-korea | k-league-2 | Busan | Ansan Greeners | 2.14 | 3.20 | 3.43 | TEAM1 | -47.369101 |
| 5130 | 08:00 | 17/07/2021 | soccer@norway | obos-ligaen | Start | Raufoss | 2.11 | 3.87 | 3.02 | TEAM2 | 124.217192 |
| 5131 | 08:00 | 17/07/2021 | soccer@norway | obos-ligaen | Ull/Kisa | Strommen | 1.93 | 3.77 | 3.55 | TEAM2 | 29.643830 |
| 5096 | 09:00 | 17/07/2021 | soccer@brazil | serie-b | Brasil de Pelotas | Vitoria | 3.12 | 2.95 | 2.45 | DRAW | -88.916776 |
| 5101 | 11:55 | 17/07/2021 | soccer@croatia | 1-hnl | Lok. Zagreb | Hajduk Split | 3.95 | 3.68 | 1.83 | TEAM1 | 343.078666 |

| | hora | date | soccer@ | area | league | team1 | team2 | team1_odds | draw_odds | team2_odds | objetivo | Rating |
|------|-------|------------|---------|----------|------------------|---------------|-------------------|------------|-----------|------------|----------|------------|
| 5137 | 11:55 | 17/07/2021 | soccer@ | croatia | 1-nhl | Zagreb | Split | 3.95 | 3.68 | 1.83 | TEAM2 | 343.07866 |
| 5152 | 13:00 | 17/07/2021 | soccer@ | norway | eliteserien | Sarpsborg 08 | Bodo/Glimt | 3.39 | 3.44 | 2.15 | TEAM1 | -38.871340 |
| 5092 | 14:30 | 17/07/2021 | soccer@ | brazil | serie-b | Cruzeiro | Avai | 2.33 | 3.07 | 3.19 | DRAW | 124.005997 |
| 5089 | 16:15 | 17/07/2021 | soccer@ | paraguay | primera-division | 12 de Octubre | Nacional Asuncion | 3.09 | 3.10 | 2.30 | DRAW | 114.858504 |
| 5099 | 16:15 | 17/07/2021 | soccer@ | paraguay | primera-division | 12 de Octubre | Nacional Asuncion | 3.09 | 3.10 | 2.30 | TEAM2 | 114.858504 |
| 5110 | 16:30 | 17/07/2021 | soccer@ | brazil | serie-b | Ponte Preta | Remo | 1.87 | 3.16 | 4.54 | TEAM1 | 111.905340 |
| 5094 | 17:00 | 17/07/2021 | soccer@ | brazil | serie-b | Operario | CSA | 2.06 | 2.89 | 4.25 | DRAW | 72.613406 |
| 5114 | 17:00 | 17/07/2021 | soccer@ | brazil | serie-b | Brusque | Botafogo RJ | 3.07 | 2.95 | 2.49 | TEAM1 | 143.249767 |

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 |
|-----|------------|-------|--------|--------|---------|-------------------|----------|----------|------|------------|
| 947 | 16/07/2021 | 19:30 | soccer | brazil | serie-b | Sampaio Correa | Coritiba | X2 | 2.57 | 100.0 |
| 948 | 17/07/2021 | 09:00 | soccer | brazil | serie-b | Brasil de Pelotas | Vitoria | X2 | 2.45 | 100.0 |
| 949 | 17/07/2021 | 16:30 | soccer | brazil | serie-b | Ponte Preta | Remo | X1 | 1.87 | 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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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.correccion_horario(df)
```

Out[17]:

| 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 |
|------|-------|------------|---|-------------------|-------------------|------------|-----------|------------|----------|
| 2523 | 08:00 | 17/07/2021 | /soccer/norway/ligaen/aalesund-jerv-CspFo... | Aalesund | Jerv | 1.49 | 4.50 | 5.69 | TEAM1 |
| 2524 | 08:00 | 17/07/2021 | /soccer/norway/obos-ligaen/sogndal-grorud-MkPk... | Sogndal | Grorud | 1.32 | 5.31 | 8.40 | TEAM1 |
| 2522 | 10:00 | 17/07/2021 | /soccer/ireland/premier-division/dundalk-finn-... | Dundalk | Finn Harps | 1.66 | 3.77 | 5.19 | TEAM1 |
| 2526 | 11:00 | 17/07/2021 | /soccer/estonia/esiliiga/maardu-linnameeskond-... | Maardu | Nomme Utd | 1.22 | 6.27 | 8.83 | TEAM1 |
| 2525 | 11:00 | 17/07/2021 | /soccer/lithuania/a-lyga/hegelmann-litauen-nev... | Hegelmann Litauen | Nevezis Kedainiai | 1.31 | 4.72 | 8.17 | TEAM1 |
| 2521 | 13:15 | 17/07/2021 | /soccer/slovenia/prva-liga/mura-tabor-sezana-W... | Mura | Tabor Sezana | 1.57 | 3.81 | 5.35 | 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 |
|-----|-------|------------|---|------------------|----------------------|------------|-----------|------------|----------|
| 286 | 14:00 | 2021-07-17 | /soccer/world/club-friendly/ingolstadt-greuthe... | Ingolstadt (Ger) | Greuther Furth (Ger) | 3.50 | 4.03 | 1.84 | 0.773948 |
| 285 | 12:00 | 2021-07-17 | /soccer/world/club-friendly/nurnberg-munich-18... | Nurnberg (Ger) | Munich 1860 (Ger) | 1.71 | 4.02 | 4.14 | 0.366440 |

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 |
|----|-------|------------|---|--------------|------------|------------|-----------|------------|----------|
| 62 | 19:00 | 2021-07-17 | /soccer/norway/eliteserien/sarpsborg-08-bodo-g... | Sarpsborg 08 | Bodo/Glimt | 3.39 | 3.44 | 2.15 | 0.438416 |

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 |
|------|------------|-------|----------|--------|---------|--------------------|-------------------|----------|----------|------|------------|
| 1766 | 2021-07-17 | 01:30 | soccer | brazil | serie-b | Sampaio Correa | Coritiba | X2 | 1.000000 | 2.57 | 100 |
| 1767 | 2021-07-17 | 15:00 | soccer | brazil | serie-b | Brasil de Pelotas | Vitoria | X2 | 1.000000 | 2.45 | 100 |
| 1764 | 2021-07-17 | 20:30 | soccer | brazil | serie-b | Cruzeiro | Avai | X2 | 1.000000 | 3.19 | 100 |
| 1765 | 2021-07-17 | 23:00 | soccer | brazil | serie-b | Operario | CSA | X2 | 1.000000 | 4.25 | 100 |
| 1768 | 2021-07-17 | 01:10 | baseball | usa | mlb | Kansas City Royals | Baltimore Orioles | UNDER | 0.515201 | 1.90 | 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 |
|------|------------|-------|--------|----------|------------------|---------------|--------------|----------|------|------------|
| 1686 | 2021-07-17 | 17:00 | soccer | estonia | esiliiga | Maardu | Nomme Utd | TEAM1 | 1.22 | 150 |
| 1682 | 2021-07-17 | 16:00 | soccer | ireland | premier-division | Dundalk | Finn Harps | TEAM1 | 1.66 | 223 |
| 1683 | 2021-07-17 | 19:30 | soccer | romania | liga-1 | Univ. Craiova | FC Arges | TEAM1 | 1.68 | 229 |
| 1684 | 2021-07-17 | 17:00 | soccer | russia | fnl | F. Voronezh | Veles Moscow | TEAM1 | 1.63 | 212 |
| 1685 | 2021-07-17 | 19:15 | soccer | slovenia | prva-liga | Mura | Tabor Sezana | TEAM1 | 1.57 | 187 |

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 |
|------|-------|------------|---|---------------|--------------|------------|-----------|------------|----------|
| 1918 | 16:00 | 2021-07-17 | /soccer/ireland/premier-division/dundalk-finn-... | Dundalk | Finn Harps | 1.66 | 3.77 | 5.19 | TEAM1 |
| 1919 | 14:00 | 2021-07-17 | /soccer/norway/obos-ligaen/aalesund-jerv-QspFo... | Aalesund | Jerv | 1.49 | 4.50 | 5.69 | TEAM1 |
| 1920 | 19:30 | 2021-07-17 | /soccer/romania/liga-1/univ-craiova-campionii-... | Univ. Craiova | FC Arges | 1.68 | 3.54 | 5.34 | TEAM1 |
| 1921 | 17:00 | 2021-07-17 | /soccer/russia/fnl/f-voronezh-veles-moscow-jPV... | F. Voronezh | Veles Moscow | 1.63 | 3.78 | 5.01 | TEAM1 |
| 1922 | 19:15 | 2021-07-17 | /soccer/slovenia/prva-liga/mura-tabor-sezana-W... | Mura | Tabor Sezana | 1.57 | 3.81 | 5.35 | TEAM1 |
| 1923 | 16:30 | 2021-07-17 | /soccer/sweden/allsvenskan/elfsborg-ostersunds... | Elfsborg | Ostersunds | 1.42 | 4.71 | 7.20 | 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 |
|------|------------|-------|----------|--------|-------------|-----------------------|------------------------|----------|------|----------|----------|
| 2695 | 2021-07-17 | 17:00 | soccer | norway | eliteserien | Odd | Viking | 4.00 | 1.29 | 100 | 0.462415 |
| 2696 | 2021-07-17 | 19:00 | soccer | norway | eliteserien | Sarpsborg 08 | Bodo/Glimt | 3.50 | 1.34 | 100 | 0.647824 |
| 2688 | 2021-07-17 | 00:05 | baseball | usa | mlb | Philadelphia Phillies | Miami Marlins | 11.50 | 1.36 | 100 | 0.742278 |
| 2689 | 2021-07-17 | 00:05 | baseball | usa | mlb | Washington Nationals | San Diego Padres | 12.00 | 1.42 | 100 | 0.850582 |
| 2690 | 2021-07-17 | 00:05 | baseball | usa | mlb | New York Yankees | Boston Red Sox | 11.50 | 1.43 | 100 | 0.640258 |
| 2691 | 2021-07-17 | 00:05 | baseball | usa | mlb | Pittsburgh Pirates | New York Mets | 10.50 | 1.42 | 100 | 0.620085 |
| 2686 | 2021-07-17 | 00:07 | baseball | usa | mlb | Toronto Blue Jays | Texas Rangers | 11.50 | 1.44 | 100 | 0.685478 |
| 2692 | 2021-07-17 | 01:10 | baseball | usa | mlb | Kansas City Royals | Baltimore Orioles | 11.50 | 1.46 | 100 | 0.515201 |
| 2693 | 2021-07-17 | 01:15 | baseball | usa | mlb | St.Louis Cardinals | San Francisco Giants | 9.50 | 1.39 | 100 | 0.708962 |
| 2687 | 2021-07-17 | 01:40 | baseball | usa | mlb | Colorado Rockies | Los Angeles Dodgers | 13.50 | 1.48 | 100 | 0.496649 |
| 2694 | 2021-07-17 | 22:00 | soccer | usa | mls | Atlanta Utd | New England Revolution | 3.75 | 1.34 | 100 | 0.815635 |

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 |
|-----|------------|-------|----------|--------|-------------|--------------------|------------------|----------|-----|----------|----------|
| 663 | 2021-07-17 | 23:00 | soccer | brazil | serie-a | Corinthians | Atletico-MG | -0.25 | 1.9 | 100 | 0.808616 |
| 664 | 2021-07-17 | 17:00 | soccer | norway | eliteserien | Odd | Viking | -0.25 | 1.9 | 100 | 0.843163 |
| 665 | 2021-07-17 | 00:07 | baseball | usa | mlb | Toronto Blue Jays | Texas Rangers | -2.00 | 1.9 | 100 | 0.594657 |
| 667 | 2021-07-17 | 01:10 | baseball | usa | mlb | Chicago White Sox | Houston Astros | 1.00 | 1.9 | 100 | 0.695783 |
| 666 | 2021-07-17 | 02:38 | baseball | usa | mlb | Los Angeles Angels | Seattle Mariners | -1.00 | 1.9 | 100 | 0.655357 |

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

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 |
|-----|-------|------------|---------------------------|--------------|--------------|------------|-----------|------------|---------------------|
| 854 | 23:00 | 2021-07-17 | soccer/brazil_serie-a | Corinthians | Atletico-MG | 2.28 | 3.18 | 3.38 | 2-Corinthians-0.04 |
| 852 | 19:00 | 2021-07-17 | soccer/norway_eliteserien | Sarpsborg 08 | Bodo/Glimt | 3.39 | 3.44 | 2.15 | 6-Sarpsborg 08-0.04 |
| 853 | 19:15 | 2021-07-17 | soccer/slovenia_prva-liga | Mura | Tabor Sezana | 1.57 | 3.81 | 5.35 | 2-Mura-0.03 |
| 851 | 16:30 | 2021-07-17 | soccer/sweden_allsvenskan | Elfsborg | Ostersunds | 1.42 | 4.71 | 7.20 | 6-Elfsborg-0.12 |
| 855 | 12:00 | 2021-07-17 | soccer/sweden_superettan | Akropolis | Norrby | 2.86 | 3.30 | 2.45 | 1-Norrby-0.12 |

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 |
|-----|-------|------------|---------------------------|-------------|-------------|------------|-----------|------------|------------------------------|
| 787 | 23:00 | 2021-07-17 | soccer/brazil_serie-a | Corinthians | Atletico-MG | 2.28 | 3.18 | 3.38 | FAVORITO-1-Atletico-MG--0.09 |
| 784 | 17:00 | 2021-07-17 | soccer/norway_eliteserien | Odd | Viking | 2.22 | 3.61 | 3.09 | FALLO-1-Odd--0.47 |

| | hora | date | area | league | team1 | team2 | team1_odds | draw_odds | team2_odds | FALLO-2-objetivo |
|-----|-------|------------|----------------------------------|--------|---------------|-------------------|------------|-----------|------------|---------------------------------|
| 783 | 14:00 | 2021-07-17 | soccer/norway_obos-ligaen | | Lill/Kisa | Strommen | 1.93 | 3.77 | 3.55 | 0.04 |
| 785 | 22:15 | 2021-07-17 | soccer/paraguay_primera-division | | 12 de Octubre | Nacional Asuncion | 3.09 | 3.10 | 2.30 | FALLO-6-Nacional Asuncion--0.76 |
| 786 | 16:00 | 2021-07-17 | soccer/sweden_superettan | | Varnamo | Osters | 2.22 | 3.21 | 3.36 | FAVORITO-1-Osters--0.42 |

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 |
|-----|-------|------------|---------------------------|--------|----------------|--------------|------------|-----------|------------|-----------------------------|
| 206 | 21:00 | 2021-07-17 | soccer/brazil_serie-a | | Ceara | Athletico-PR | 2.37 | 3.13 | 3.20 | FALLO-1-Athletico-PR-0.23 |
| 209 | 23:00 | 2021-07-17 | soccer/brazil_serie-a | | Corinthians | Aletico-MG | 2.28 | 3.18 | 3.38 | FAVORITO-2-Corinthians-0.27 |
| 205 | 01:30 | 2021-07-17 | soccer/brazil_serie-b | | Sampaio Correa | Coritiba | 3.10 | 2.80 | 2.57 | FALLO-1-Sampaio Correa-0.05 |
| 207 | 23:00 | 2021-07-17 | soccer/brazil_serie-b | | Operario | CSA | 2.06 | 2.89 | 4.25 | FALLO-3-CSA-0.38 |
| 210 | 23:00 | 2021-07-17 | soccer/brazil_serie-b | | Operario | CSA | 2.06 | 2.89 | 4.25 | FAVORITO-3-Operario-0.49 |
| 208 | 14:00 | 2021-07-17 | soccer/norway_obos-ligaen | | Sandnes | Ham-Kam | 2.91 | 3.39 | 2.35 | FAVORITO-1-Sandnes-0.49 |

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

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]:

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 |
|-----|-------|------------|---|-------------|--------------------|------------|-----------|------------|----------|
| 861 | 17:55 | 2021-07-17 | /soccer/croatia/1-hnl/lok-zagreb-hajduk-split... | Lok. Zagreb | Hajduk Split | 3.95 | 3.68 | 1.83 | TEAM2 |
| 860 | 16:30 | 2021-07-17 | /soccer/finland/veikkausliiga/ac-oulu-hjk-OOTH... | AC Oulu | HJK | 9.17 | 4.58 | 1.37 | TEAM2 |
| 862 | 17:00 | 2021-07-17 | /soccer/iceland/pepsideild/akranes-valur-j3nWl... | Akranes | Valur | 5.81 | 4.64 | 1.48 | TEAM2 |
| 859 | 17:00 | 2021-07-17 | /soccer/russia/fnl/krasnodar-alania-vladikavka... | Krasnodar 2 | Alania Vladikavkaz | 4.45 | 3.41 | 1.79 | TEAM2 |
| 858 | 12:00 | 2021-07-17 | /soccer/russia/fnl/tomsk-baltika-vwQuuJXr/ | Tomsk | Baltika | 4.87 | 3.74 | 1.66 | TEAM2 |

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 |
|------|-------|------------|---|--------------------|---------------------|------------|-----------|------------|----------|
| 9359 | 15:00 | 2021-07-17 | /soccer/world/club-friendly/1-fc-koln-bayern-m... | FC Koln (Ger) | Bayern Munich (Gr2) | 7.33 | 5.29 | 1.35 | 0.890189 |
| 9352 | 15:00 | 2021-07-17 | /soccer/world/club-friendly/huddersfield-south... | Huddersfield (Eng) | Southport (Eng) | 1.22 | 6.53 | 10.38 | 0.871422 |
| 9389 | 18:00 | 2021-07-17 | /soccer/world/club-friendly/toulouse-rodez-rws... | Toulouse (Fra) | Rodez (Fra) | 1.62 | 3.73 | 5.69 | 0.856531 |
| 9388 | 18:00 | 2021-07-17 | /soccer/world/club-friendly/sevilla-coventry-G... | Sevilla (Esp) | Coventry (Eng) | 1.21 | 6.00 | 11.00 | 0.849056 |
| 9394 | 19:00 | 2021-07-17 | /soccer/world/club-friendly/wisla-podbeskidzie... | Wisla (Pol) | Podbeskidzie (Pol) | 1.46 | 5.12 | 5.55 | 0.829532 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 9313 | 10:00 | 2021-07-17 | /soccer/world/club-friendly/portimonense-braga... | Portimonense (Por) | Braga (Por) | 2.88 | 3.83 | 2.19 | 0.165489 |
| 9395 | 19:30 | 2021-07-17 | /soccer/world/club-friendly/sanluqueno-cadiz-0... | Sanluqueno (Esp) | Cadiz CF (Esp) | 7.45 | 5.83 | 1.35 | 0.151904 |
| 9362 | 15:00 | 2021-07-17 | /soccer/world/club-friendly/st-gallen-ath-bilb... | St. Gallen (Sui) | Ath Bilbao (Esp) | 3.28 | 3.80 | 1.98 | 0.143892 |
| 9347 | 14:00 | 2021-07-17 | /soccer/world/club-friendly/winterthur-betis-M... | Winterthur (Sui) | Betis (Esp) | 8.84 | 6.88 | 1.24 | 0.129646 |
| 9328 | 12:30 | 2021-07-17 | /soccer/world/club-friendly/heidenheim-hoffenh... | Heidenheim (Ger) | Hoffenheim (Ger) | 4.56 | 4.50 | 1.50 | 0.119694 |

120 rows x 9 columns

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 |
|------|-------|------------|---|----------|----------|------------|-----------|------------|----------|
| 2081 | 15:00 | 2021-07-17 | /soccer/finland/ykkonen/ekenas-if-mikkelin-ARZ... | Ekenas | Mikkelin | 1.90 | 3.74 | 3.61 | TEAM2 |
| 2082 | 16:00 | 2021-07-17 | /soccer/finland/ykkonen/klubi-04-jaro-nmRUTAuo/ | Klubi 04 | Jaro | 3.27 | 3.52 | 2.08 | 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 |
|-------|-------|------------|---|-------------------|------------------|------------|-----------|------------|----------|
| 10201 | 15:00 | 2021-07-17 | /soccer/brazil/serie-b/brasil-de-pelotas-vitor... | Brasil de Pelotas | Vitoria | 3.12 | 2.95 | 2.45 | DRAW |
| 10209 | 23:00 | 2021-07-17 | /soccer/brazil/serie-b/brusque-botafogo-rj-SS7... | Brusque | Botafogo RJ | 3.07 | 2.95 | 2.49 | TEAM1 |
| 10197 | 20:30 | 2021-07-17 | /soccer/brazil/serie-b/cruzeiro-avai-Q1n5OJkG/ | Cruzeiro | Avai | 2.33 | 3.07 | 3.19 | DRAW |
| 10199 | 23:00 | 2021-07-17 | /soccer/brazil/serie-b/operario-csa-AiDt5Vle/ | Operario | CSA | 2.06 | 2.89 | 4.25 | DRAW |
| 10205 | 22:30 | 2021-07-17 | /soccer/brazil/serie-b/ponte-preta-remo-rwc0PazA/ | Ponte Preta | Remo | 1.87 | 3.16 | 4.54 | TEAM1 |
| 10200 | 01:30 | 2021-07-17 | /soccer/brazil/serie-b/sampaio-correa-coritiba... | Sampaio Correa | Coritiba | 3.10 | 2.80 | 2.57 | DRAW |
| 10229 | 15:00 | 2021-07-17 | /soccer/finland/ykkonen/ekenas-if-mikkelin-ARZ... | Ekenas | Mikkelin | 1.90 | 3.74 | 3.61 | TEAM2 |
| 10230 | 16:00 | 2021-07-17 | /soccer/finland/ykkonen/klubi-04-jaro-nmRUTAuo/ | Klubi 04 | Jaro | 3.27 | 3.52 | 2.08 | TEAM2 |
| 10225 | 19:00 | 2021-07-17 | /soccer/norway/eliteserien/sarpsborg-08-bodo-g... | Sarpsborg 08 | Bodo/Glimt | 3.39 | 3.44 | 2.15 | TEAM1 |
| 10211 | 14:00 | 2021-07-17 | /soccer/russia/fnl/akron-togliatti-fc-volgar-a... | Akron Togliatti | Volgar-Astrakhan | 2.11 | 3.34 | 3.32 | TEAM1 |
| 10210 | 11:00 | 2021-07-17 | /soccer/russia/fnl/yenisey-kuban-Krnw8hW3/ | Yenisey | Kuban | 2.31 | 3.29 | 2.94 | TEAM1 |
| 10195 | 16:00 | 2021-07-17 | /soccer/slovenia/prva-liga/aluminij-koper-xWWg... | Aluminij | Koper | 2.15 | 3.35 | 3.11 | TEAM1 |
| 10226 | 11:00 | 2021-07-17 | /soccer/south-korea/k-league-2/jeonnam-chungna... | Jeonnam | Asan | 1.82 | 3.38 | 4.36 | 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 |
|------|------|-------------|-------|-------|------------|-----------|------------|----------|
|------|------|-------------|-------|-------|------------|-----------|------------|----------|

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 []: