FOOTBALL (SOCCER) MATCH RESULT PROJECTIONS

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October 19th, 2022

https://github.com/Niktennant/

Premier-League-Result-

Projections.git



The problem?

 Predicting football matches outcomes specifically in the Premier League.

Importance?

Billion \$
industry, sports
betting,
personal
interest

Type?

Multi-class
Classification
(H: I.0, D: 0.0,
A:-I.0)

Data Origin?

- Multiple sources
 - Fantasy Premier League API
 - FIFA 22 & FIFA 23
 - PL Match Records

INTRODUCTION

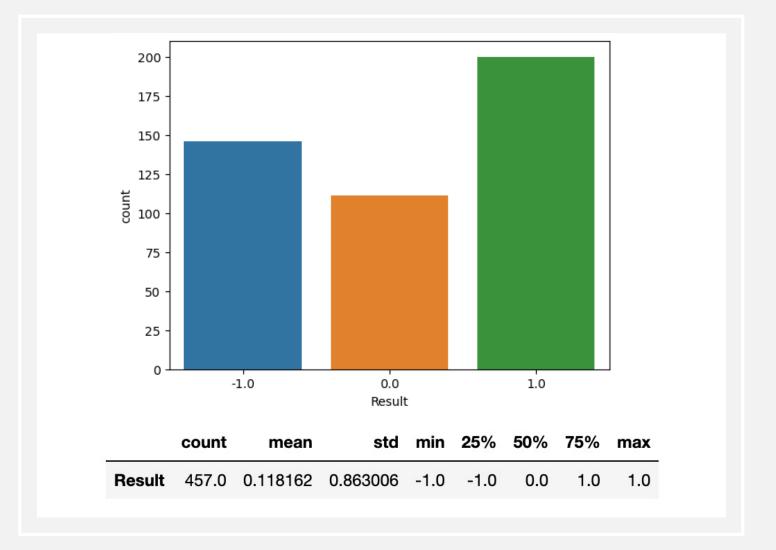
MY DATA

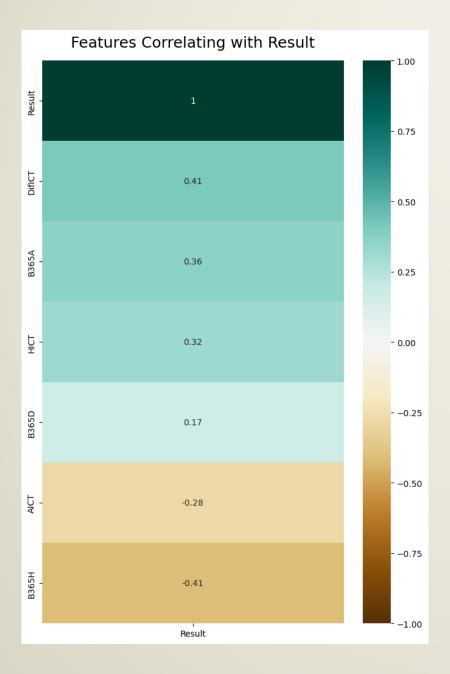
| | Referee | B365H | B365D | B365A | HICT | AICT | DifICT | Result |
|-----|------------|-------|-------|-------|---------|---------|---------|--------|
| 0 | M Oliver | 4.00 | 3.40 | 1.95 | 73000.0 | 79000.0 | -6000.0 | 1.0 |
| 1 | A Madley | 1.90 | 3.50 | 4.00 | 79000.0 | 76000.0 | 3000.0 | 1.0 |
| 2 | D Coote | 3.10 | 3.10 | 2.45 | 76000.0 | 76000.0 | 0.0 | -1.0 |
| 3 | J Moss | 1.25 | 5.75 | 13.00 | 83000.0 | 76000.0 | 7000.0 | 1.0 |
| 4 | M Dean | 3.10 | 3.20 | 2.37 | 75000.0 | 78000.0 | -3000.0 | 1.0 |
| | | | | | | | | |
| 452 | M Oliver | 2.50 | 3.60 | 2.62 | 80323.8 | 85198.8 | -4875.0 | 1.0 |
| 453 | P Tierney | 2.05 | 3.50 | 3.60 | 76195.1 | 76165.2 | 29.9 | 1.0 |
| 454 | C Kavanagh | 1.72 | 3.80 | 4.75 | 80176.2 | 76193.7 | 3982.5 | 1.0 |
| 455 | D Coote | 3.60 | 3.50 | 2.05 | 78201.2 | 82202.0 | -4000.8 | -1.0 |
| 456 | A Taylor | 3.30 | 3.40 | 2.20 | 76196.1 | 79181.8 | -2985.7 | 0.0 |

457 rows × 8 columns

EDA - TARGET VARIABLE (RESULT)

- Home Wins 200 (43.8%)
- Away Wins 146 (31.9&)
- Draws III (24.3%)





EDA-PT. 2

