


Football Manager Price & Recommender

Roy Zhang

Data - FMInside

- ~20k players
- In-game attributes
- Contract & Miscellaneous



93

99



Paris Saint-Germain



Argentina

AMR, AMC, ST

PLAYER INFO

Name

Lionel Messi

Age

35

Position(s)

AMR, AMC, ST

Foot

Left

Height

169 CM

Weight

67 KG

Caps / Goals

162 / 86

CONTRACT

Club

Paris Saint-Germain

Sell value

€ 111,599,300

Wages

€ 776,770 pw

Contract end

2023-06-30

All of our stats have been normalized 0-99

TECHNICAL

70

Corners

75

Crossing

75

Dribbling

99

Finishing

85

First Touch

95

Free Kick Taking

90

Heading

50

Long Shots

80

Long Throws

20

Marking

20

Passing

95

Penalty Taking

85

Tackling

35

Technique

99

MENTAL

70

Aggression

35

Anticipation

80

Bravery

50

Composure

80

Concentration

65

Decisions

90

Determination

99

Flair

99

Leadership

70

Off the Ball

70

Positioning

25

Teamwork

70

Vision

99

Work Rate

45

PHYSICAL

65

Acceleration

80

Agility

75

Balance

90

Jumping Reach

30

Natural Fitness

70

Pace

75

Stamina

65

Strength

45

Methodology

Pricer

- Random Forest
- Attributes + Age + Contract Status ~ Sale Price

Recommender

- Find players with user-selected filter
- Provide the best, youngest, and cheapest player available for purchase

Streamlit App

Filter

☒ Age

Age

15

42

15

50

Position

AMR

☒ Contract Expiring

Attributes

Pace

Pace

19

20

1

20

Football Manager 23 Player Pricer & Recommender

Projected Sell Value for Youngest Minimum Viable Player

Predicted sell value: €1,708,959

Recommended Players

Best Player ↔

Name: Adama Traoré

Club: Wolverhampton

Price: €40,229,920

Next Steps

- Optimize pricer model
- Add customized filter
- Include goalkeepers