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## Anti-match fixing intelligence

Fight for your competition's integrity

# Tyche is a Business Intelligence tool that identifies potential match-fixing in games



24/7 Real-time monitoring of 40+ international bookmaker markets



Monitoring of any football competition in the world



PRE-MATCH and IN-PLAY analysis models using neural networks & Business Analytics



Automatic real-time Triggers to monitoring teams

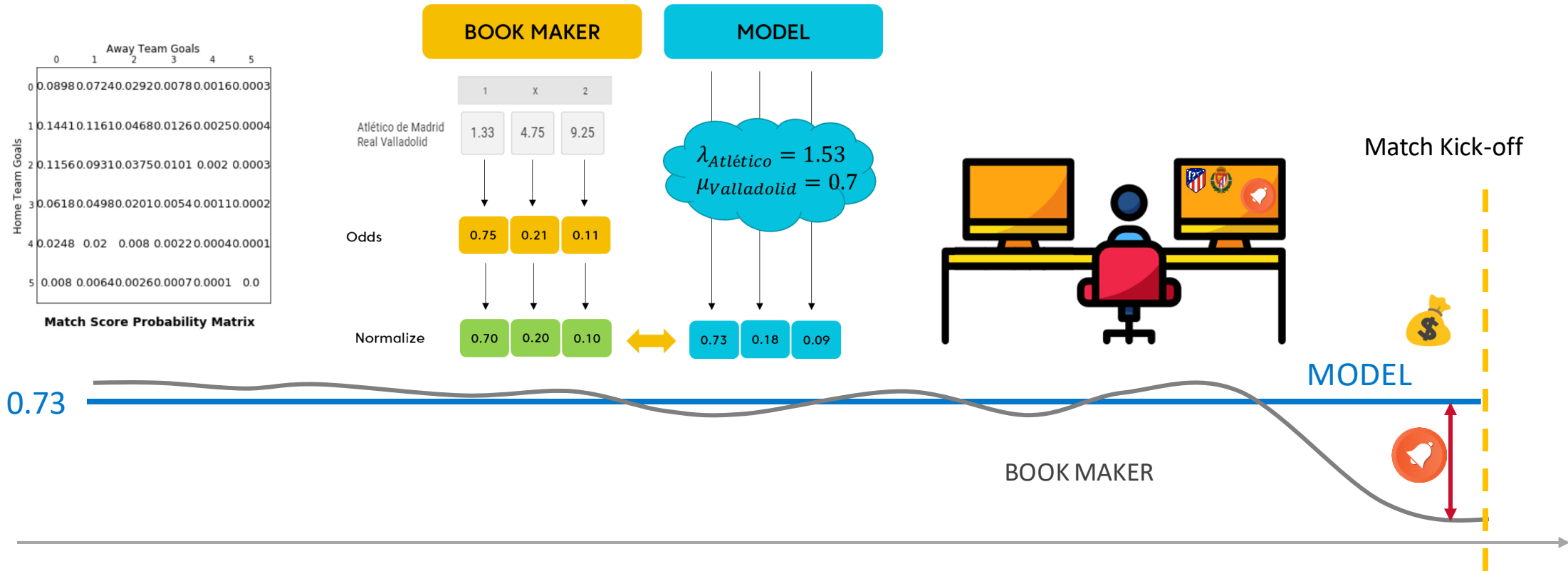


Management of alerts with gaming partners

 **TYCHE 3.0**

# In-play models

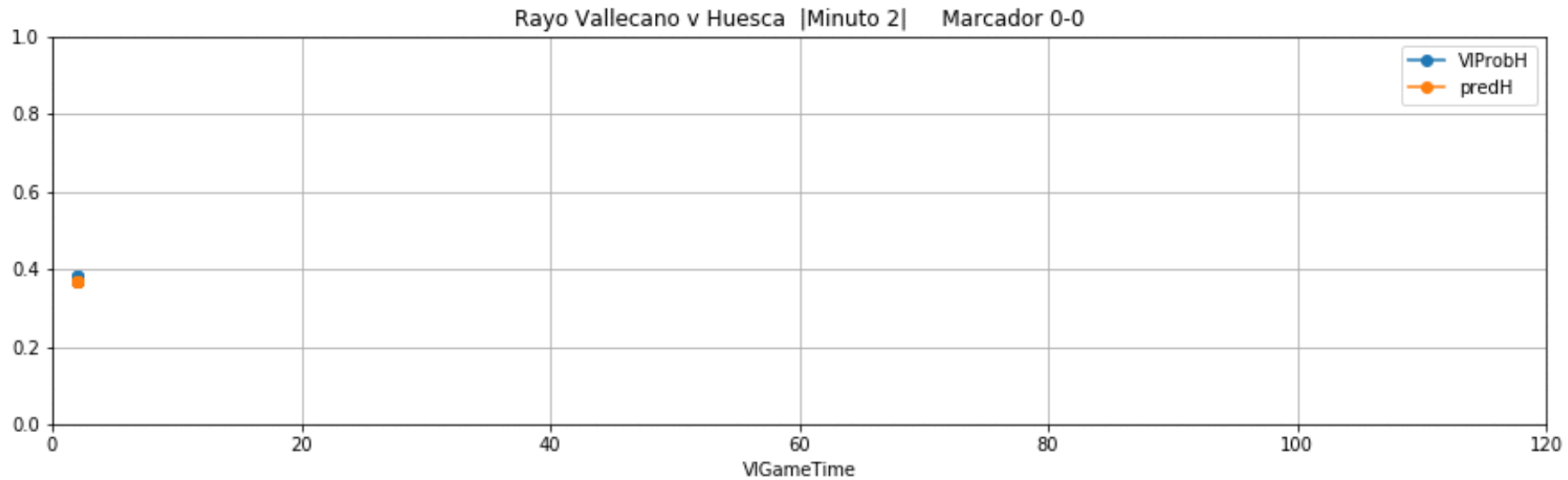
The Tyche 3.0 tool estimates the odds of each match with probability models before the start of the game for comparison with bookmakers



# How it works in LaLiga



Use of neural networks to predict odds using historical data: 900 matches and 140,000 odds for each of the markets (1x2, Asian Handicap, Over Under)



## 1x2 Model

Median error = 2.5%  
R<sup>2</sup> = 0.96

## Asian Handicap Model

Median error = 3.1%  
R<sup>2</sup> = 0.96

## Over Under Model

Median error = 3.5%  
R<sup>2</sup> = 0.94