

# Relationship Between Star Players and Team Performance

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Discover the relationship between star players and team performance in the Chinese Professional Baseball League.

## Project Overview

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This project explores how star players impact team performance.

By using **logistic regression** and **random forest models**, we aim to identify the key variables that influence a team's chances of winning.

## Content

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- Remove variables that may cause **multicollinearity**
- Analyze the **relevance of star player variables** that may affect team performance using logistic regression
- Assess the **contribution of each variable** using random forest

## Tools & Languages

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- R
- Excel

## Models & Methods

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- Logistic regression
- Random forest

## Results

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- Star players have a fundamental impact
- Game results are also shaped by a complex array of non-linear factors