FLIP(00) mid-term Presentation

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Outline

Introduction

Data Description

Conclusion

Introduction

Problem Description

- searching the relation from different varieties

Data Description

Descriptive Statistics

AimUse descriptive statistics to get an overview of the data

- Let's take a brief look at all *numerical* columns statistcs:

Descriptive Statistics

AimUse descriptive statistics to get an overview of the data

- Let's take a brief look at all *numerical* columns statistcs:

The part description of the data

Figure 1: numerical columns statistcs

Descriptive Statistics

AimUse descriptive statistics to get an overview of the data

- And for part of *categorical* columns:

Descriptive Statistics

AimUse descriptive statistics to get an overview of the data

- And for part of *categorical* columns:

Figure 2: categorical columns statistcs

Data Visualization

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Aim To Count Kobe's total shots

- The hit distribution histogram of Kobe's shots

Figure 3: target class distribution

Aim Visualization of two kinds of shots (two-point shot and three-point shot)

- The hit distribution histogram of Kobe's shots(two-point shot and three-point shot)

Model performance and Feature importance.

Model performance

- Verifing the effectiveness of this algorithm using 10-Fold and the mean accuracy equals 0.8047940074906368

Feature importance.

- evaluate what the most important variables are for the model to make the prediction

Question and Anwser

Thank you for your attention!