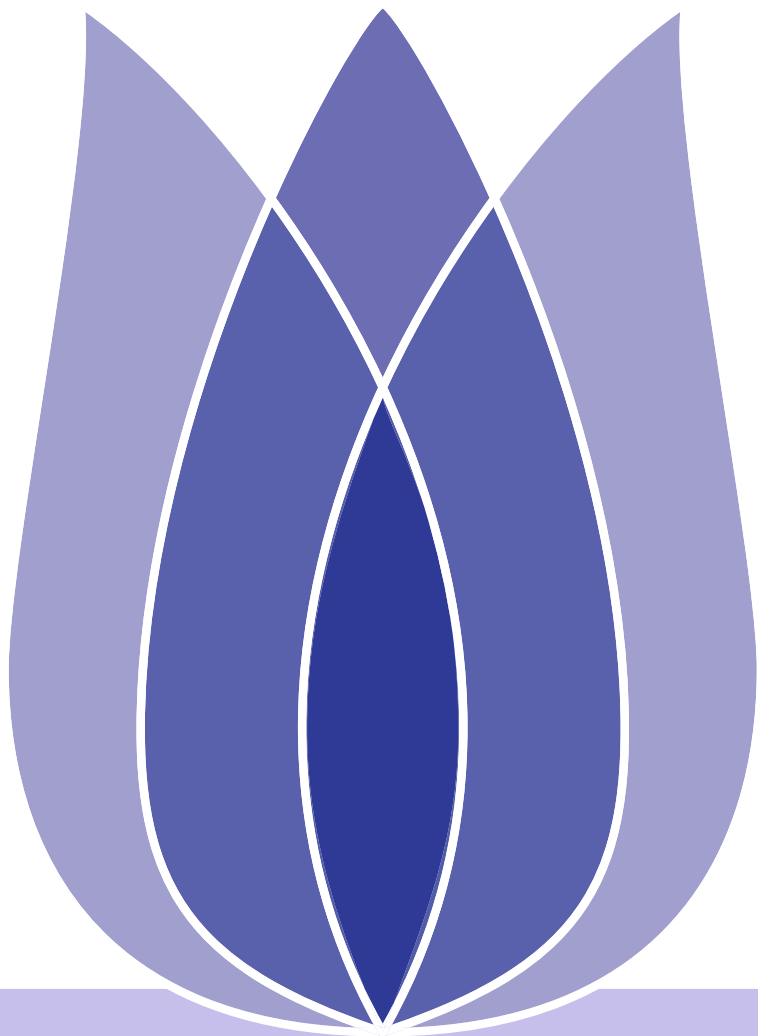


FLIP(00) mid-term Presentation

XiaoXichang
HuNan University

October 27, 2019





Outline

- [Introduction](#)
- [Data Description](#)
- [Conclusion](#)

Introduction

Data Description

Conclusion



- Introduction
- Problem Description
- Data Description
- Conclusion

Introduction



Problem Description

[Introduction](#)

[Problem Description](#)

[Data Description](#)

[Conclusion](#)

- searching the relation from different varieties



TULIP

Team for Universal Learning and Intelligent Processing



Introduction

Data Description

Data Description

The part description of the data

The part description of the data

Conclusion

Data Description



Descriptive Statistics

- Introduction
- Data Description
- Data Description**
- The part description of the data
- The part description of the data
- Conclusion

AimUse descriptive statistics to get an overview of the data

- Let’s take a brief look at all *numerical* columns statistics:



Descriptive Statistics

- Introduction
- Data Description
- Data Description**
- The part description of the data
- The part description of the data
- Conclusion

AimUse descriptive statistics to get an overview of the data

- Let’s take a brief look at all *numerical* columns statistics:



The part description of the data

- [Introduction](#)
- [Data Description](#)
- [Data Description](#)
- [The part description of the data](#)
- [The part description of the data](#)
- [Conclusion](#)

Figure 1: numerical columns statistcs



Descriptive Statistics

- Introduction
- Data Description
- Data Description
 - The part description of the data
 - The part description of the data
- Conclusion

AimUse descriptive statistics to get an overview of the data

- And for part of *categorical* columns:



Descriptive Statistics

- Introduction
- Data Description
- Data Description
- The part description of the data
- The part description of the data
- Conclusion

Aim Use descriptive statistics to get an overview of the data

- And for part of *categorical* columns:

Figure 2: categorical columns statistics





[Introduction](#)

[Data Description](#)

[Conclusion](#)

conclusion

Data Visualization



Data Visualization

[Introduction](#)

[Data Description](#)

[Conclusion](#)

[conclusion](#)

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)



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



TULIP

Team for Universal Learning and Intelligent Processing



Model performance and Feature importance.

[Introduction](#)

[Data Description](#)

[Conclusion](#)

Model performance

- Verifying 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



TULIP

Team for Universal Learning and Intelligent Processing



Question and Answer

[Introduction](#)

[Data Description](#)

[Conclusion](#)

Thank you for your attention!