

# My first latex document

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## Abstract

This document records my progress of learning latex.

Hello! I am exciting here about how to learn latex.

## 1 introduction

I am a beginner of latex.

### 1.1 This comes from learning game theory

#### 1.1.1 It is not a interesting experience

#### 1.1.2 But I really like it

### 1.2 I will learn machine learning later

Machine learning is very useful in **prediction**. How to use machine learning for *application* is difficult.

The next paragraph will show to use use list.

- China
- Russian
- Japan

1. This is a great place
2. This is a best world
3. OK, I agree with you.

- a) The a) is the first item
- b) The b) is the second item.

## 2 This is a section

I come to US to grow my career.

## 3 Mathematic

Einstein 's  $E = mc^2$ .

$$E = mc^2.$$

$$E = mc^2. \tag{1}$$

$$z = r \cdot e^{2\pi i}.$$

$$\sqrt{x}, \frac{1}{2}.$$

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$$\frac{1}{2}.$$