# Artificial Intelligence Application in Finance and Economics

State of the art

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# Outline

- 1 Introduction
- 2 Literature Reviews
- 3 Methods
- 4 Conclusions

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Introduction

#### Definition

A prime number is a number that has exactly two.

- 2 is prime (two divisors: 1 and 2).
- 3 is prime (two divisors: 1 and 3).
- 4 is not prime (three divisors: 1, 2, and 4).
- LATEX normally chooses the appropriate font and font size based on the logical structure of the document (e.g. sections). In some cases, you may want to set fonts and sizes by hand!
- Text visible on slide 1

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- Text visible on slide 2

Introduction 000

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### Proof.

**1** Suppose *p* were the largest prime number.

4 But q + 1 is greater than 1, thus divisible by some prime number not in the first p numbers.

• 2 is prime (two divisors: 1 and 2).

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- **1** Suppose *p* were the largest prime number.
- 2 Let *q* be the product of the first *p* numbers.
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Introduction 000

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- **3** Then q + 1 is not divisible by any of them.
- **3** But q + 1 is greater than 1, thus divisible by some prime number not in the first p numbers.

The proof used reductio ad absurdum.

- 2 is prime (two divisors:1 and 2).
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# Literature Reviews

#### **Answered Questions**

How many primes are there? Deng and Yu (2014)

### **Open Questions**

Is every even number the sum of two primes?(Mackenzie et al., 1992)

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# Sample frame title

In this slide, some important text will be highlighted because it's important. Please, don't abuse it.

#### Remark

Sample text

#### Important theorem

Sample text in red box

### Examples

Sample text in green box. The title of the block is "Examples".

Methods

# Two-column slide

This is a text in first column.

$$E = mc^2$$

- First item
- Second item

# Kamilaris and Prenafeta-Boldú (2018)

will be in the second column(Fig. 3(a)) and on a second thoughts(Deng & Yu, 2014), this is a nice looking layout in some cases(Deng & Yu, 2014; Kamilaris & Prenafeta-Boldú, 2018; Mackenzie et al., 1992).

# Graph

- Beijing
- Shanghai
- Shenzhen



Figure 1: Artificial Intelligence

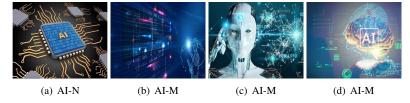


Figure 2: AI-COM

This code will generate three slides to add a visual effect to the presentation. will prevent the text below this point and above the next declaration to appear in the current slide.

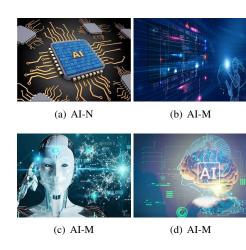


Figure 3: AI-COM

- ★ This code will generate three slides to add a visual effect to the presentation..
- This code will generate three slides to add a visual effect to the presentation.
- aaaaaaaaa
- AAAAAAAA...
- AAAAAAAAA...
- AAAAAAAAA...
- BBBB...
  - BBBB...
  - BBBB...
  - BBBB...



(a) AI-N



(b) AI-M

Figure 4: AI-MN

This code will generate three slides to add a visual effect to the presentation. will prevent the text below this point and above the next declaration to appear in the current slide.

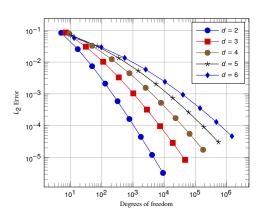


Figure 5: Results of Experiment

Methods 000000000

#### △ Exprimental Result about DPN

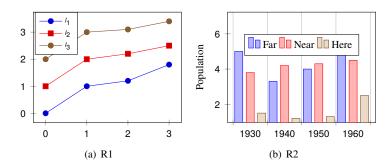


Figure 6: Results of Exp

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AAAAA http://www.baidu.com Something Linky

# References

- Deng, L., & Yu, D. (2014). Deep learning: Methods and applications. Foundations and trends in signal processing, 7(3–4), 197–387.
- Kamilaris, A., & Prenafeta-Boldú, F. X. (2018). Deep learning in agriculture: A survey. Computers and electronics in agriculture, 147, 70–90.
- Mackenzie, F. D., Hirst, L. W., Battistutta, D., & Green, A. (1992). Risk analysis in the development of pterygia. Ophthalmology, 99(7), 1056–1061.

Thank you for listening!