

BIKE SHARING DEMAND

TINGTING SU

ABSTRACT. Bike sharing systems are a means of renting bicycles where the process of obtaining membership, rental, and bike return is automated via a network of kiosk locations throughout a city. The systems record the duration of travel, departure location, arrival location, and time elapsed explicitly. We are asked to combine historical usage patterns with weather data in order to forecast bike rental demand.

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2020 Mathematics Subject Classification. Kaggle project.

Key words and phrases. Machine Learning, Data Mining, ...

1. INTRODUCTION

The importance of the area

The problems faced by most current methods

What can be addressed by existing methods; Why those problems are challenges to existing methods?

What provides the motivation of this work? What are the research issues? What is the rationale of this work?

What we have done and what are the contributions.

Testing.

A note with no line back to the text.

GLi:

This is comment from Gang.

QWu:

Response from QW

The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives.

Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick's jazzy quaff. Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker.

Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly.

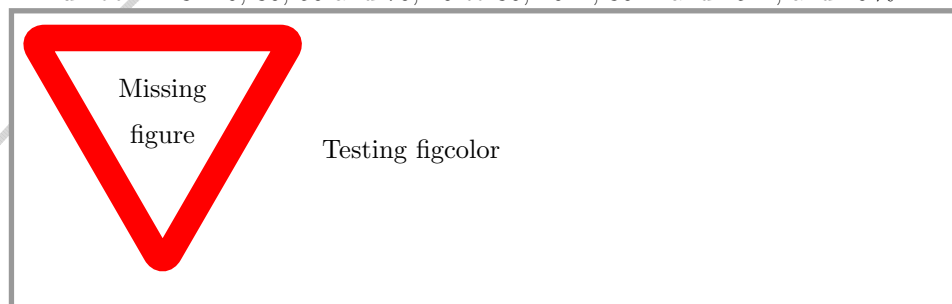
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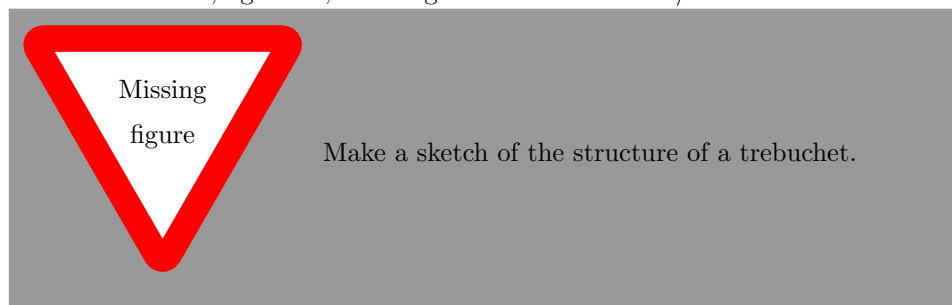
Test citation [?], and [?] or [?].

This is for table 1, and this is for section 5.

Number: 123. 10, 30, 50 and 70, 10 to 30, 10 m, 30 m and 45 m, and 10 %



We have 10 Hz, kg m s^{-1} , the range: 10 Hz to 100 Hz. $^{1/2}$.



For eq. (1.1), as shown below:

$$(1.1) \quad a = b \times \sqrt{ab}$$

The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick's

jazzy quaff. Playing jazz vibe chords quickly excites my wife.

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{i=n} x_i = \frac{x_1 + x_2 + \dots + x_n}{n}$$

A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz.

$$\int_0^\infty e^{-\alpha x^2} dx = \frac{1}{2} \sqrt{\int_{-\infty}^\infty e^{-\alpha x^2} dx \int_{-\infty}^\infty e^{-\alpha y^2} dy} = \frac{1}{2} \sqrt{\frac{\pi}{\alpha}}$$

Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz. Turgid saxophones blew over Mick’s jazzy quaff.

$$\sum_{k=0}^\infty a_0 q^k = \lim_{n \rightarrow \infty} \sum_{k=0}^n a_0 q^k = \lim_{n \rightarrow \infty} a_0 \frac{1 - q^{n+1}}{1 - q} = \frac{a_0}{1 - q}$$

Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog.

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-p \pm \sqrt{p^2 - 4q}}{2}$$

Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives. Many-wived Jack laughs at probes of sex quiz.

$$\frac{\partial^2 \Phi}{\partial x^2} + \frac{\partial^2 \Phi}{\partial y^2} + \frac{\partial^2 \Phi}{\partial z^2} = \frac{1}{c^2} \frac{\partial^2 \Phi}{\partial t^2}$$

Turgid saxophones blew over Mick’s jazzy quaff. Playing jazz vibe chords quickly excites my wife. A large fawn jumped quickly over white zinc boxes. Exquisite farm wench gives body jolt to prize stinker. Jack amazed a few girls by dropping the antique onyx vase!

2. PRELIMINARIES

The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly. Sympathizing would fix Quaker objectives.

GLi: Gang Li has worked up to here.

3. METHOD

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- First item in a list
- Second item in a list



TABLE 1. Precision Comparison on Event Detection Methods

	OR Event Detection	AC Event Detection	TC Event Detection
precision	0.83	0.69	0.46
recall	0.68	0.48	0.36
F-score	0.747	0.57	0.4

- Third item in a list
- First item in a list
- Second item in a list
- Third item in a list
- Fourth item in a list
- Fifth item in a list

- (1) First item in a list
- (2) Second item in a list
- (3) Third item in a list
- (4) Fourth item in a list
- (5) Fifth item in a list

First: item in a list

Second: item in a list

Third: item in a list

Fourth: item in a list

Fifth: item in a list

QWu: Qiong Wu has worked up to here.

4. EXPERIMENT AND ANALYSIS

5. CONCLUSIONS

Jack amazed a few girls by dropping the antique onyx vase! The quick brown fox jumps over the lazy dog. Jackdaws love my big Sphinx of Quartz. Pack my box with five dozen liquor jugs. The five boxing wizards jump quickly.












ACKNOWLEDGMENT

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The authors would like to thank ...

REFERENCES

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	Figure: Testing figcolor	2
	Figure: Make a sketch of the structure of a trebuchet.	2
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	Qiong Wu has worked up to here.	4

(A. 1) SCHOOL OF BUSINESS,, BEIJING TECHNOLOGY AND BUSINESS UNIVERSITY, BEIJING, CHINA