Assignment: 3-Achieving Usable and Privacy-assured Similarity Search over Outsourced Cloud Data

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Overview

Introduction of the Paper

C. Wang, K. Ren, S. Yu, and K. M. R. Urs, "Achieving usable and privacy-assured similarity search over outsourced cloud data," in *INFOCOM, 2012 Proceedings IEEE*, pp. 451–459, IEEE, 2012.

Introduction of the Paper

Purpose

Solve the problem of secure and efficient fuzzy search over encrypted outsourced cloud data

Measures

- Suppressing technique
- Building a private trie-traverse searching index

Performance

Correctly achieves the defined similarity search functionality with **constant** searching time!

Paragraphs of Text

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Bullet Points

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- Nulla commodo, erat quis gravida posuere, elit lacus lobortis est, quis porttitor odio mauris at libero
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- Vestibulum faucibus velit a augue condimentum quis convallis nulla gravida

Blocks of Highlighted Text

Block 1

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Block 2

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Block 3

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Multiple Columns

Heading

1. Statement
2. Explanation
3. Example

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Table

Treatments	**Response 1**	**Response 2**
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table: Table caption

Theorem

Theorem (Mass–energy equivalence)

$E = mc^2$

Example (Theorem Slide Code)

```
\begin{frame}
\frametitle{Theorem}
\begin{theorem}[Mass--energy equivalence]
$E = mc^2$
\end{theorem}
\end{frame}
```

Figure

Uncomment the code on this slide to include your own image from the same directory as the template .TeX file.

Citation

An example of the \cite command to cite within the presentation:

This statement requires citation [Smith, 2012].

References

📄 John Smith (2012)

Title of the publication

Journal Name 12(3), 45 – 678.

The End