

Term Paper Data Science 1

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Chosen Project Topic:

- T3 Clustering

Abstract

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1 Problem Description

- What general problem is addressed?
- What is the general methodology that is used?

Some Latex-specific hints:

- You can use abbreviations, like Active Directory (AD), Microsoft (MS) or Compact Disc (CD).
- There are also symbols like for example π , φ and λ .
- Last but not least, use glossary entries like Active Directory and File.
- Do not forget to cite related work, like [1] or [2].

2 Description of Specific Methods and Algorithms

- What specific problem is addressed?
- What is the specific methodology that is used?
- What improvement is shown?

2.1 K-Means

Content for K-Means.

3 Data Set Description

- What benchmark data sets are used?

4 Description of Python libraries used

- Describe in detail what technology/library is used.

5 Description of Evaluation Module

- What are the results and how are they measured?

6 Web Frontend and User Manual

- Describe the implementation and write a brief user manual with screenshots.

7 Conclusion

- Summarize the main points and achievements
- Add your own assessment/criticism on the topic

Glossary

Active Directory

At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

File

An arbitrary file.

Acronyms

AD Active Directory.

CD Compact Disc.

MS Microsoft.

Symbols

λ Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy..

φ At vero eos et accusam et justo duo dolores et ea rebum...

π You know it..

References

- [1] Lior Okman, Nurit Gal-Oz, Yaron Gonen, Ehud Gudes, and Jenny Abramov. Security issues in nosql databases. In *10th International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom)*, pages 541–547. IEEE, 2011.
- [2] Dhruba Borthakur, Jonathan Gray, Joydeep Sen Sarma, Kannan Muthukkaruppan, Nicolas Spiegelberg, Hairong Kuang, Karthik Ranganathan, Dmytro Molkov, Aravind Menon, Samuel Rash, et al. Apache hadoop goes realtime at facebook. In *Proceedings of the 2011 ACM SIGMOD International Conference on Management of data*, pages 1071–1080. ACM, 2011.