College : L. D. COLLEGE OF ENGINEERING, AHMEDABAD
StudentName : Akhawat Kalpit Ajeetkumar
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Email : kalpitakhawat@gmail.com   Semester : Semester 7

PPR Details

Periodic Progess Report : First PPR

Project : Pure Trending Content (Timeswen)

Status : Reviewed

1. What Progress you have made in the Project ?
We have done some analysis process on current system and some on UI and start to learn whatever technology is going to be used.

2. What challenge you have faced ?
How To Get The Data from all Sources?

3. What support you need ?
We required high computation power for parsing and removing duplication form crawled data.

4. Which literature you have referred ?
Some Data Analytics And Natural Language Processing research papers,blogs and journals

Comments

Comment by Internal Guide :
ok
Comment by External Guide :
None
Comment by HOD :
None
Comment by Principal :
None
Comment by University Admin :
None

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College : L. D. COLLEGE OF ENGINEERING, AHMEDABAD
StudentName : Bhatt Jigar Maneshbhai
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PPR Details

Periodic Progess Report : Second PPR

 Project : Pure Trending Content (Timeswen)

Status : Reviewed

1. What Progress you have made in the Project ?

We started researching about parallel processing architectures available for big data analysis. This research brought us on the cloud finally but it was very expensive so we had research on cloud implementation with local machines.

2. What challenge you have faced ?

How to implement cloud like architecture with local machines for achieving high computation power.

3. What support you need ?

Parallel Computation Power & a cloud setup. Hypervisor expert for cloud & cluster guidance.

4. Which literature you have referred ?

http://www.gtia.co.in/papers/e9bd6c2f-e271-44e6-8ef9-2fc36d79bbc31112012.pdf
http://www.communitysense.nl/papers/cacm06b.pdf
https://softwareengineering.stackexchange.com/questions/257661/patterns-for-creating-adaptive-web-crawler-throttling https://www.tensorflow.org/api_docs/ http://curator.apache.org/

Comments

Comment by Internal Guide :
None

Comment by External Guide :
None

Comment by HOD :
None

Comment by Principal :
None

Comment by University Admin :
None

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College   : L. D. COLLEGE OF ENGINEERING, AHMEDABAD
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PPR Details

Periodic Progess Report : Third PPR

 Project : Pure Trending Content (Timeswen)

Status : Reviewed

1. What Progress you have made in the Project ?

We are learning about natural language processing & libraries like Natural language toolkit for finding how the machine can extract human language semantics. Were also checking the existing web crawlers & parser structure.

2. What challenge you have faced ?

How to Process data which have the same meaning but in different word structure.

3. What support you need ?

Expert for natural language processing.

4. Which literature you have referred ?

https://www.tensorflow.org/api_docs/
www.ijcscn.com/Documents/Volumes/vol4issue6/ijcscn2014040606.pdf
https://www.w3.org/standards/semanticweb/ semanticweb.org/ https://userpages.uni-koblenz.de/~staab/Research/Publications/sub-flairs2002.pdf https://docs.microsoft.com/en-us/azure/

Comments

Comment by Internal Guide :
None

Comment by External Guide :
None

Comment by HOD :
None

Comment by Principal :
None

Comment by University Admin :
None

College   : L. D. COLLEGE OF ENGINEERING, AHMEDABAD

StudentName : Solanki Hardik Dineshbhai

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PPR Details

Periodic Progess Report : Forth PPR

 Project : Pure Trending Content (Timeswen)

Status : Reviewed

1. What Progress you have made in the Project ?

Weve started learning Algorithm Optimization techniques since Ranking of content is going to be done in a frequent way because of an uncertainty of timing in the world of trending news.

2. What challenge you have faced ?

We wanted to speed up our ranking algorithm but there is an issue of algorithm inconsistency. Good-trading content can lose rank because of speed up modification logics in the existing algorithm. So the final decision was taken was to design a new ranking algo. from scratch.

3. What support you need ?

Other experts asked before, plus a GraphQL & neo4j Expert.

4. Which literature you have referred ?

https://www.tensorflow.org/api_docs/ https://codesachin.wordpress.com/2015/11/14/k-means-clustering-with-tensorflow/ https://www.tensorflow.uk/tag/hierarchical-clustering/ http://mahout.apache.org/docs/0.13.1-SNAPSHOT/algorithms/linear-algebra/d-spca.html http://ieeexplore.ieee.org/abstract/document/58871/?reload=true www.nltk.org/

Comments

Comment by Internal Guide :
None

Comment by External Guide :
None

Comment by HOD :
None

Comment by Principal :
None

Comment by University Admin :
None