

Question Asked 16th Jan, 2020



Sikander Hayyat

Bahria University Islamabad Campus

How to generate trajectory dataset?
Hi Everyone!

I am doing my thesis on trajectory data mining, I need to have different trajectories (different routes) between two points. I need to have data in terms of latitude and longitude (a.k.a trajectory points) from point A to point B. How can I generate dataset? I tried google maps etc. but unable to get trajectory points.

Thanks in advance!

Dataset

Google

Data Mining

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Recent answer



Sikander Hayyat


Bahria University Islamabad
Campus

27th Jan, 2020

hmed Hussein Ali hahah. No need to be sorry. Cheers dear.

ite

1 Answer (1)



Ahmed Hussein Ali

Iraqia University


18th Jan, 2020

Read this

<https://academia.stackexchange.com/questions/143001/how-to-generate-trajectory-dataset>

5 Recommendations

7 Answers (7)




Muhammad Ali

Charles Sturt University

17th Jan, 2020

You can plot it in Matlab :

<https://au.mathworks.com/matlabcentral/answers/461650-animated-plot-with-trajectory-points>




Sikander Hayyat

Bahria University Islamabad Campus

17th Jan, 2020

Muhammad Ali Dear Ali! I need to generate data not plot that data.



Ahmed Hussein Ali


Iraqia University

18th Jan, 2020

Read this

<https://academia.stackexchange.com/questions/143001/how-to-generate-trajectory-dataset>

5 Recommendations




Sikander Hayyat

Bahria University Islamabad Campus

18th Jan, 2020

Dear Ahmed Hussein Ali ! Come on! Yaar that question is so asked by me.



Sikander Hayyat

Bahria University Islamabad Campus

18th Jan, 2020

After through research and effort, I'm able to complete the task.

you need to do following tasks:

Create a map in google maps by following link (<https://www.google.com/maps/d/home?hl=en>)

Question Answers **7** Similar questions Related publications

Then go to this amazing site and convert your downloaded file to **txt** or **json** format.

After conversion, you'll have your trajectory data points in the form of lat. long.

want to thanks to great guys at Academia of stack <change (<https://academia.stackexchange.com/>), which pointed me in the right direction (i.e [tps://gis.stackexchange.com/questions/152571/export-google-maps-route-to-kml-gpx](https://gis.stackexchange.com/questions/152571/export-google-maps-route-to-kml-gpx)).

Thanks all!

[ite](#)



Ahmed Hussein Ali

Iraqia University

19th Jan, 2020

[ikander Hayyat](#) I'm sorry

[ite](#) 5 Recommendations



Can you help by adding an answer?

Answer

Add your answer

Add your answer

questions and discussions

How to compare computational cost of deep learning model with conventional iterative methods?

Question 3 answers

asked 27th Jan, 2020

 Hyun Kyu Park

Dear the experts,

I have seen a lot of studies using deep learning into tomographic imaging, and improving the computational time of it.

I wonder if there is another measure for comparing computational costs.

I am right, I found that FLOPS is widely used metric in deep learning models.

But in the iterative methods, it would not be appropriate because there can be the computations beyond the simple multiplication and summation.

There is a good way to, I would like to ask you about it.

Thank you in advance

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Ultrasound in Oncology: Application of Big Data and Artificial Intelligence

Discussion 3 replies

Asked 24th Jan, 2020

Wei Wang

<https://www.frontiersin.org/research-topics/12661/ultrasound-oncology-application-of-big-data-and-artificial-intelligence>

Big data analysis of ultrasound imaging, combined with data mining, advanced machine learning algorithms, and deep learning models, can help radiologists make better diagnoses and surveillance of cancer.

This new research topic aims to provide an overview of the rapid development as well as major trends and challenges in the field of big data and artificial intelligence applied to ultrasound technology.

Any suggestion on this topic please?

[View](#)

Data Mining algorithm to analyze BigData written in Arabic?

Question 4 answers

Asked 12th Jan, 2020

Ibrahim N. Mahmood

Greetings All,

I am looking for advice / suggestion in regard for a Big Data / Data Mining algorithm that can be used to analyze and to discover patterns in almost 20000 records of data written in Arabic?

Best Regards

[View](#)

What is the limitation of Artificial neural Network(ANN) as compared with convolution neural network(CNN)?

Question 7 answers

asked 28th Dec, 2019

Desalegn Belay

Which machine learning technique is good to get good accuracy in training an ML model using a dataset. ANN or CNN, I need to know the limitation of ANN over CNN

[View](#)

What is Artificial Intelligence?

Question 15 answers

asked 27th Dec, 2019

Kamal Azizi

What is the best way to learn Artificial Intelligence for a beginner?

What is the future of Artificial Intelligence?

What are the types of Artificial Intelligence?

What is Artificial Intelligence? What are the factors involved?

How do I start learning Artificial Intelligence?

How can you explain Artificial Intelligence in layman's terms?

How would you write a conclusion on Artificial Intelligence?

What are the main differences between Artificial Intelligence and Machine Learning? Is Machine Learning a part of Artificial Intelligence?

Please, share your suggestions, answers, opinions, comments and reply in this discussion. Regards.

[View](#)

What is better for working object-based classification, which is better? Support vector machine algorithm or random forest algorithm?

Question 6 answers

asked 25th Dec, 2019

Aysar Jameel Abdalkadhum

The area of study contains large agricultural areas for various old crops, as well as palm groves, a few barren land and a river the width ranges from 20-30 meters.

[View](#)

What should be title of international conference that I want to organize on applications of fuzzy set its extensions in real life problems ?

Question 6 answers

asked 24th Dec, 2019

Sanjay Kumar

want to organize a conference on applications of fuzzy sets and its extensions in real life problems of various domains. please suggest suitable title of the conference.

[view](#)

any freely available Datasets for Arabic chatbot or conversation training?

Question 7 answers

asked 15th Jan, 2020

Wissam Antoun

the only datasets available are under LDC licenses, and I'm not sure if the authors are allowed to provide me the datasets for free if I asked them.

Also, any idea on where to scrap for Arabic chat datasets?

[view](#)

How to validate the clustering results using python?

Question 3 answers

asked 11th Jan, 2020

Neha Malik

I am using Hierarchical Agglomerative Clustering(HAC) and BSCAN to find clusters in my data.

please specify some validation technique to validate the results of clustering.

I have used Silhouette Score to validate the results of BSCAN. Will it work fine with both clustering algorithm. I am using Python for implementation.

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Related Publications

Google Dataset Search

Article Full-text available

Jul 2019

Syed Ali Hussain

[view](#)

Processing Wikipedia Dumps - A Case-study Comparing the XGrid and MapReduce Approaches.

Conference Paper Full-text available

Jan 2011

Dominique Thiebaut · Yang Li · Diana
 Gunzeikare · [...] · Cam Le T. Nguyen

We present a simple comparison of the performance of three different cluster platforms: Apple's XGrid, and Hadoop the open-source version of Google's MapReduce as the total execution time taken by each to parse a 27-GB XML dump of the English Wikipedia. A local hadoop cluster of a Linux workstation, as well as an Elastic MapReduce cluster are tested.

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Data Science: Bigtable, MapReduce and Google File System

[Article](#)

Oct 2014

 Karan B Maniar ·  Chintan B Khatri

Data science is the extension of research findings and drawing conclusions from data[1]. BigTable is built on a few of Google technologies[2]. MapReduce is a programming model and an associated implementation for processing and generating large data sets with a parallel, distributed algorithm on a cluster[3]. Google File System is designed to provide...

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