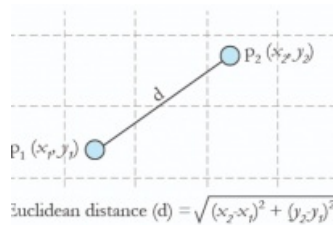


Programming Tutorials and Examples for Beginners

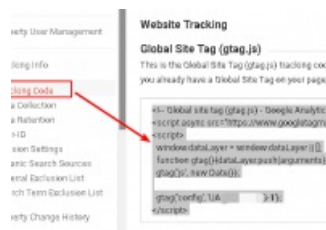
The Relationship of Euclidean Distance and Gaussian Distribution – Machine Learning Tutorial



Can we compute a probability by distance? In this tutorial, we will discuss the relationship of euclidean distance and gaussian distribution, which will help us to convert a distance to a probability.

Category: Machine Learning

Best Practice to Find Your Google Analytics Tracking Code



If you have add your site to google analytics, you should add a tracking code in your site. Where is this tracking code? How to find it? In this tutorial, we will tell you how to do.

Category: Google AdSense

Fix tf.GradientTape() AttributeError: 'RefVariable' object has no attribute '_id' Error – TensorFlow Tutorial

```
ce-nlp\SentimentClassif
gradient(f,[x])
ly165\..conda\envs\py3.7
adients-unconnected_gra
ly165\..conda\envs\py3.7
unconnected_gradients.v
efVariable' object has
```

When you are using `tf.GradientTape()` to compute derivative in tensorflow, you may get this error: `AttributeError: 'RefVariable' object has no attribute 'id'`. In this tutorial, we will introduce you how to fix it.

Category: TensorFlow

An Introduction to Multivariable Chain Rule for Beginners

How f changes due to a tiny change in x

How x changes due to a tiny change in t

$$x(t), y(t) = \frac{\partial f}{\partial x} \frac{dx}{dt} + \frac{\partial f}{\partial y} \frac{dy}{dt}$$

How f changes due to a tiny change in x

How x changes due to a tiny change in t

How f changes due to a tiny change in y

How y changes due to a tiny change in t

How f changes due to a tiny change in x

How x changes due to a tiny change in t

How f changes due to a tiny change in y

How y changes due to a tiny change in t

Multivariable chain rule is a good way to analyze the derivative of a machine learning model. In this tutorial, we will introduce it for machine learning beginners.

Category: Machine Learning

An Introduction to Diagonal Matrice, Upper and Lower Triangular Matrice in Linear Algebra

upper (lower) triangular matrix, you get a lower (up

lower (upper) triangular matrices if lower (upper)

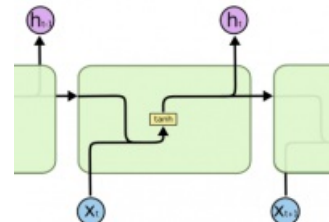
x is invertible if and only if all diagonal entries are 1

$$\begin{bmatrix} 5 & 3 & 4 \\ 2 & 1 & 0 \\ 0 & 0 & 5 \\ 0 & 0 & 1 \end{bmatrix} \text{ is NOT invertible, and } \begin{bmatrix} 4 & 0 & 0 \\ 1 & 3 & 0 \\ 0 & 2 & 1 \end{bmatrix} \text{ IS}$$

In this tutorial, we will introduce diagonal matrice, upper and lower triangular matrice in Linear Algebra for beginners.

Category: Machine Learning

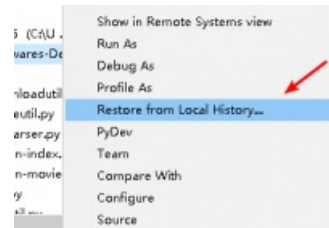
A Full Introduction to BasicRNNCell in TensorFlow – TensorFlow Tutorial



In this tutorial, we will introduce the implementation of basic RNN in tensorflow. You can understand it more clearly.

Category: Machine Learning TensorFlow

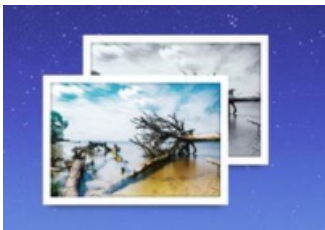
The Way to Recover Deleted or Undo File From Eclipse



When you are using eclipse to coding, you may delete or undo a file wrongly. How to recover it? In this tutorial, we will introduce you how to recover.

Category: Uncategorized

Python Find Duplicate Files or Photos: An Example Guide – Python Tutorial



In this tutorial, we will introduce how to find duplicate files or images using python. You can build your own search engine by following our tutorial.

Category: Python

Python Calculate the MD5 Value for Big File – Python Tutorial

```
hashlib

= 'data.txt'
= hashlib.md5()
with open(filename, "rb") as f:
    # read and update hash in chunks of 4K
    for byte_block in iter(lambda: f.read(4096), b''):
        md5_hash.update(byte_block)
    return md5_hash.hexdigest()
```

The md5 hash value can determine a unique file. In this tutorial, we will introduce how to calculate it for a big file.

Category: Python

Check an Image is Corrupted or Broken Using Python – Python Tutorial

	Resize	Filetype	Last mod
notes-and-tutorials-pdf...	0	JPG	1/9/2021
notes-and-tutorials-pdf...	38,174	Chrome HTML	12/17/2020
notes-and-tutorials-pdf...	22,516	Chrome HTML	12/24/2020
notes-and-tutorials-pdf...	307,656	Chrome HTML	12/25/2020
notes-and-tutorials-pdf...	57,126	Chrome HTML	12/9/2020
reel-lecture-notes-and-tut...	53,418	Chrome HTML	12/12/2020
lecture-notes-and-tutorial...	30,292	Chrome HTML	12/26/2020
are-notes-and-tutorials-p...	29,240	Chrome HTML	12/10/2020
frequency-lecture-notes...	83,752	Chrome HTML	12/9/2020
ture-notes-and-tutorials...	118,252	Chrome HTML	12/9/2020
notes-and-tutorials-pdf...	29,042	Chrome HTML	1/4/2021

When we are using python to download images from internet, we should check these images are downloaded completely or not. In this tutorial, we will introduce you how to do.

Category: Python Python Pillow

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