Renu Khandelwal
Mar 6, 2021 · 8 min read ★



Knowledge Distillation in a Deep Neural Network

Distilling knowledge from a Teacher to a Student in a Deep Neural Network




Photo by [Mikael Kristenson](#) on [Unsplash](#)

Read the rest of this story with a free account.

-  Sign up with Google
-  Sign up with Facebook

Already have an account? [Sign in](#)

 70






More from Analytics Vidhya

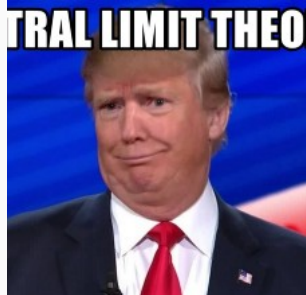
Analytics Vidhya is a community of Analytics and Data Science professionals. We are building the next-gen data science ecosystem <https://www.analyticsvidhya.com>

Follow

Paddy · Mar 6, 2021

Central limit theorem-One Pager

This article could be considered as a gentle introduction for beginners or a quick refresher for experienced. Inferential statistics with the availability of sample data making inferences on population data. Central Limit Theora...




Clt 2 min read



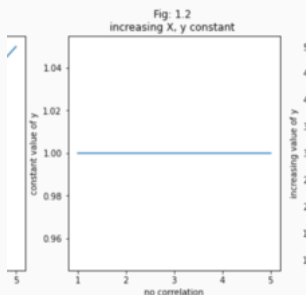
Post a quick thought or a long story. It's easy and free.

Write with the app

Swapnilbobe · Mar 6, 2021

Pearson's Correlation

Pearson's Correlation is the Feature Selection Method. It shows direction and strength between dependant and independent variables. This method best suited when there is a linear relation between dependant and...



Pearson Correlation 5 min read



Devansh Verma · Mar 5, 2021


Portfolio Project -1 (Disney Movie Anaysis)

Introduction In this blog I'm going to give an overview of the end to end data analytics project I recently did on analyzing List of Walt Disney Pictures. Here's the Github link of the code and the Tableau dashboard fo...



Data Analytics 6 min read



mpiersanti · Mar 5, 2021 ★

Making an Instagram bot using Selenium and Python

Want to get more Instagram followers? Don't want to create good and engaging content? This article is for you. Pretty much everyone wants to have more followers on their social media of choice. If you aren't willing t...



Python 3 min read



Aneesh R · Mar 5, 2021

Similarity Measures for Categorical Data

Part 0:Filler Categorical data (also known as nominal data) has been studied for a long time in various contexts. However computing similarity between categorical data instances is not straightforward owing to the fa...

med_insurance	type	is_spouse	health_ins
Individual	No		
Joint	No		
Joint	No		
Individual	No		
Individual	No		
Joint	No		
Joint	Yes		
Individual	No		
Individual	No		
Individual	No		

Data Science 4 min read



Read more from Analytics Vidhya

More from Medium

Automatic model training and testing in GitHub action



Google Natural Language—NLP And SEO
What is Google Natural Language? Is it som...



Reinforcement Learning—Teach a Taxi Cab to drive around with Q-Learning



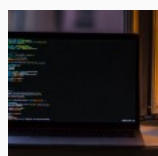
Step-by-Step Text Classification
In previous article, Niko has explained what ...



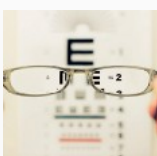
Preprocessing time series to windowed datasets



Understanding Softmax Regression with an example in R—All About Analytics



Deep Learning Basics: A Crash Course
Learn what deep learning is and how deep le...



Opensource Computer Vision Image datasets.
The first step for most computer vision task...

Get started

Sign In

Q Search



Renu Khandelwal

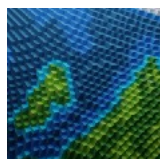
3.6K Followers

Loves learning, sharing, and discovering myself. Passionate about Machine Learning and Deep Learning

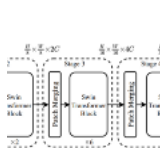
Follow



Related



Transformer based 3D
Computer Vision
Synthesis



SWIN Transformer: A
Unifying Step Between
Computer Vision and...



Knowledge Distillation
with PyTorch
In the world of large co...



How We Used PyTorch
Lightning to Make Our
Deep Learning Pipeline...

[Help](#) [Status](#) [Writers](#) [Blog](#) [Careers](#)
[Privacy](#) [Terms](#) [About](#) [Knowable](#)