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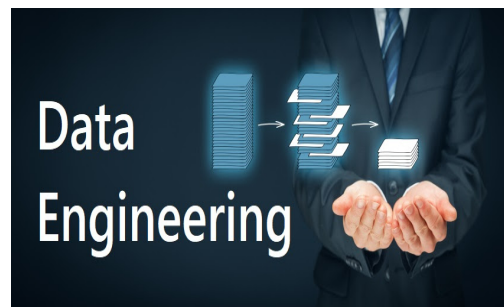
nbdev: use Jupyter Notebooks for everything fast.ai

Weve already written a large programming library (fastai v2) using nbdev, as well as a range of smaller projects..This kind of exploring is easiest when you develop on the prompt (or REPL), or using a notebook-oriented development system like Jupyter Notebooks..Ive been using Jupyter not just for exploring algorithms, APIs, and new research ideas, but also as a teaching tool at fast.ai..In short: we have really enjoyed using Jupyter Notebook, we find that we do great work using it, and our students love it...

An Epidemic of AI Misinformation

Unfortunately, the problem of overhyped AI extends beyond the media itself..General AI still seems like it might be a couple decades away, sixty years after the first optimistic projections were issued..Hundreds of deep learning for radiology companies have been spawned in the meantime, but thus far no actual radiologists have been replaced, and the best guess is that deep learning can augment radiologists, but not, in the near-term replace them..The net consequences could, in the end, debilitate the field, paradoxically inducing an AI winter after initially helping stimulate public interest..If AI system is allegedly better than humans, then which humans, and how much better?..

Keras inventor Chollet charts a new direction for AI: a Q&A

N2WS Boosts Data Management in AWS Backup and Recovery Solution -- AWSInsider

0 comes with enhanced data lifecycle management capabilities, quicker recoveries, cost optimization tools and a new user interface, according to an N2WS announcement this week..

Study: 'Broad' AI Portfolio Gives AWS Edge Among Devs -- AWSInsider

Gartner also noted that AWS offerings can support the needs of developers across many skill levels, from those with little AI/machine learning experience to those who are more advanced..

In depth guide to running Elasticsearch in production

The basics: Clusters, Nodes, Indices and ShardsIf you are really new to Elasticsearch (ES) I want to explain some basic concepts first..The two most interesting of which are the Data Node and the Master-eligible Node..Basically, Elasticsearch nodes talk with each other constantly about all the other nodes they have seen..ShardsShort version:for write heavy workloads, primary shards = number of nodesfor read heavy workloads, primary shards * replication = number of nodesmore replicas = higher search performanceHere is the thing..Also, you dont want high load on the data nodes to impact your master nodes...

"A lot of well-funded, large-scale gradient-descent projects get carried out as a way to generate bombastic press articles that misleadingly suggest that human-level AI is perhaps a few years away," says Google scientist Franois Chollet..

We're still in the steam-powered days of machine learning

In case of concept drift our interpretation of the data changes with time even while the general distribution of the data does notThen, on top of the data issues there are your garden variety software engineering issues: data not getting ingested quickly enough, data feeds breaking, data incompatibility issues between formats, data warehousing problems, web service connection issues, configuration issues, and if youre on a cloud platform , firewall and permissions issues between all the ways these services connect..

Lessons learned managing the GitLab Data team

As the company grew, I did not wholly understand how the business was planning to grow and how the Data team would scale to meet the data needs of the organization..

Stay ahead & Be relevant