Analytics News Bulliten

[AI Missiles will be developed by the US Army to locate their own Targets](#)

21/08/2019 | Author: Priya Dialani

Keywords: *missile | army | cdaem | developed | locate*

- AI Missiles will be developed by the US Army to locate their own TargetsArtificial intelligence may before long be choosing who lives or passes on.
- The U.S. Army wants to come up with an intelligent, cannon discharged missiles that will utilize AI to choose their objectives, far from human oversight.
- The Cannon-Delivered Area Effects Munition (C-DAEM) system will utilize GPS to identify enemy tanks and heavily clad shells, which will be scanned ahead of time from the skies.
- A few temporary workers are planning to win the Cannon-Delivered Area Effects Munition (C-DAEM) offer, with prototype exhibits set to be flaunted in 2021.
- If this is effective, the C-DAEM weapon will supplant cluster warheads.

[After Lyft, Waymo Open Sources Self-Driving Dataset To The Public](#)

22/08/2019 | Author: Ambika Choudhury

Keywords: *waymo | open | public | research | data*

- Alphabet's autonomous driving subsidiary Waymo is one of the most promising players in the self-driving market.
- Yesterday, Waymo open-sourced high-quality multimodal sensor dataset for autonomous driving.
- The dataset is extracted from Waymo self-driving vehicles and covers a wide variety of environments, from dense urban centres to suburban landscapes.
- According to the researchers, this dataset is believed to be the largest, richest and most diverse self-driving dataset ever released for the research communities.
- LyftLast month, Lyft open-sourced an autonomous driving dataset known as the Level 5 Dataset.

[Should Engineer.Ai Be Blamed For Exaggerated Claims?](#)

20/08/2019 | Author: Vishal Chawla

Keywords: *automate | exaggerated | startup | blamed | ai*

- The company says its platform emphasises on automating the repetitive aspects of app development and and that's where AI is put to use.
- We don't claim to fully automate App Development.
- Using Engineer.ai, individuals and companies can buy tailor-made software within short periods of time.
- The company wrote that building an AI-powered company is very different to an AI solution company, and the Engineer.Ai is the former.
- "We realise ourselves that automatic software development (program synthesis) is at least 7 years away.

[Top 10 IoT Startups of 2019](#)

18/08/2019 | Author: Priya Dialani

Keywords: *raised | funding | series | startups | iot*

- Top 10 IoT Startups of 2019The best IoT startups selling into enterprises exceed expectations at coordinating analytics, artificial intelligence (AI), and real-time monitoring to convey remarkable client experiences.
- The following top 10 IoT startups are indicating early potential at empowering beneficial new business models, reviving enterprises that have encountered single-digit development as of late.
- The CrateDB Cloud for Azure IoT is a turnkey data layer, offered as a hosted cloud service on Azure, empowering faster improvement of IoT platforms and data-driven smart manufacturing plants.
- Their most recent funding was raised on Nov 14, 2018, from a $37m series B round with Canaan Partners.
- Their Element Platform helps industrial companies effectively and quickly utilize industrial time-series information to improve production productivity and product quality.

Future-Ready, Data-Fluent Managers

Big Data Analytics

Top 4 Ways Big Data and Predictive Analytics Can Benefit More Stakeholders

19/08/2019 | Author: Anonymous
Keywords: *technical | ways | public | social | big*

- Top 4 Ways Big Data and Predictive Analytics Can Benefit More StakeholdersBig data and predictive analytics have undoubtedly changed business as we know it.
- Here are four ways big data and analytics can be oriented to benefit more stakeholders.
- 3 – Better Data ProtectionAmong the pressing concerns of the computing public when it comes to big data and predictive analytics is privacy and data security.
- As such, anyone who dabbles in big data must take data security and protection into consideration.
- 4 – Socially Responsible EffortsMuch of the buzz concerning successful applications of big data and predictive analytics have been about commercial applications.

Intel Brings Its First Artificial Intelligence-Powered Processor "Nervana"

22/08/2019 | Author: Vivek Kumar
Keywords: *ice | training | nervana | intel | intelligencepowered*

- Intel Brings Its First Artificial Intelligence-Powered Processor "Nervana"Semiconductor manufacturing company Intel introduced its first high performance artificial intelligence-powered neural network processor, named Nervana.
- Showcased at the "Hot Chips 2019" conference at Stanford University in California, the processor is bifurcated into Intel Nervana NNP-T for training and Intel Nervana NNP-I for inference.
- According to Intel, the Intel Nervana NNP-T is designed from the ground up to train deep learning models at scale that will push the boundaries of deep learning training.
- Intended for large computing centers, the Nervana NNP-I is developed at Intel's development facility in Haifa, Israel.
- It derived from the company's $120 million investment in three Israeli AI startups, including NeuroBlade and Habana Labs, Intel mentioned.

Intel Unveils Its First AI Chip Spring Hill, Says Facebook Already Using It

21/08/2019 | Author: Prajakta Hebbar
Keywords: *need | nervana | intel | chip | ai*

- In a radical new step to deal with big data generated by organisations, Intel this week launched an artificial intelligence processor called Nervana NNP-I or 'Spring Hill'.
- According to reports, this processor has been designed for large computing centres.
- Intel Nervana NNP-I is based on a 10 nanometer Ice Lake processor and is purpose-built specifically to accelerate deep learning deployment at scale, offering excellent performance for major data centre workloads.
- Intel also said that this processor also offers a high degree of programmability without compromising performance to power efficiency.
- A noted wire also said that Facebook has already has started using the product.

The Power of Robotic Process Automation in Financial Services

23/08/2019 | Author: Anonymous
Keywords: *helps | financial | process | customer | firms*

- The Power of Robotic Process Automation in Financial ServicesRobotic Process Automation (RPA) is gaining prominence across various industries, particularly in financial service organizations of all sizes.
- It is predicted that most jobs in the financial services sector will be taken over by robots or Robotic Process Automation, better known as RPA.
- RPA helps transform business processes of a financial services firm to a great extent — focusing on speed, accuracy and cost-efficiency.
- From claims processing to policy issuance, banks, insurance companies, and other financial services firms have automated their operations, embarking on a journey towards digital transformation.
- By leveraging automation capabilities, financial services firms have seen a quicker time-to-market and improvement in customer interaction.

Building up a Comprehensive Cybersecurity Strategy

23/08/2019 | Author: Priya Dialani
Keywords: *comprehensive | building | data | cybersecurity | security*

- Building up a Comprehensive Cybersecurity StrategyCybersecurity management has turned into the top-most worry for pretty much every organisation today.
- However, in reality, regardless of increased dangers over data ruptures, over 40% of companies don't have an appropriate cybersecurity strategy.
- Their lacking zone is they really neglect to design a comprehensive cybersecurity management strategy that illustrates how to accomplish a definitive objective of having a 100% secured infrastructure.
- A full cybersecurity strategy should likewise accordingly incorporate an astounding data management strategy as well.
- If a comprehensive cybersecurity strategy is deployed for the first time, it will take some time.

What The Journey Of A Self-Taught Data Scientist Looks Like

19/08/2019 | Author: Prajakta Hebbar
Keywords: *skills | learn | data | scientist | science*

- In this article, Analytics India Magazine will take stock of these steps via the routes adopted by noted professional data scientists.
- The Basic Question: Why Do You Want To Be A Data Scientist?
- One of the key questions that self-taught data scientists answered right at the beginning of their careers was, "Why data science?".

Future-Ready, Data-Fluent Managers

Big Data Analytics

- Raj Bandyopadhyay, a Data Science Expert-in-residence at a noted data science learning platform, said, "In early 2012, I was a software engineer in Atlanta and getting frustrated with my role.
- When asked about his journey with data science, he says that he got attracted to the field because of the "big data" buzz in 2016.

Why Setting A Benchmark For Physical Reasoning In AI Matters

24/08/2019 | **Author:** Ram Sagar

Keywords: *setting | objects | goal | phyre | ai*

- The study of physical understanding and reasoning is still in its infancy and prior work has largely focused on specialised forms of physical understanding.
- In an attempt to make AI more flexible, in the way it approaches the real physical world, researchers at Facebook AI Research, developed PHYRE.
- PHYRE is a new benchmark to assess an AI agent's capacity for physical reasoning.
- The researchers named this symbiosis of deep learning and physical reasoning as Residual Physics.
- Experiments such as above indicate that a machine can learn object-level semantics from its interactions with the physical world; in other words more human-like.

What Are The Traits Of A Good Data Analyst? An Industry Insider Explains

23/08/2019 | **Author:** Neha Wadhawan

Keywords: *insider | variable | help | going | code*

- I always focused on becoming someone who can link the data back to the problem statement and present insights which can help make a decision.
- I always focused on becoming someone who can link the data back to the problem statement and present insights which can help make a decision.
- Majority of the work an analyst does will be on statistical software such as SAS, Python, R etc., excels, PowerPoints and so on.
- Do A Proper Exploratory Data Analysis Of Your Data : For numerical/continuous variables always check a number of missing observations, average, standard deviation, min and maximum values.
- Remember What's Going To Be An Approximate Value Of Your Business Portfolio Mix: This is in terms of products, geographies, etc.

Top 10 Big Data Analytics LinkedIn Groups

18/08/2019 | **Author:** Priya Dialani

Keywords: *experts | individuals | research | groups | group*

- In this article, we go through the absolute most well-known LinkedIn groups that are devoted to the field of data science and big data that working experts, students etc.
- Advanced Analytics and Data Science gives an asset to the individuals who need to find out about and utilize these abilities and meet other individuals associated with predictive analytics, machine learning, statistics and big data.
- Individuals part of this group talk about big data analytics, BI, SAS, big data Hadoop, big data MapReduce, YARN, PIG, Hive, HQL, Oozie, Sqoop, Flume, Kafka, Spark, Big Data NoSQL, HBase, Casandra, MongoDB, HUE, Pentaho, Teradata, BigTable and so forth.
- This group manages Big Data, Data Mining, Statistics, Business Analytics, Predictive Analytics, Prescriptive Analytics, Hadoop, Cloud Analytics, Web Analytics and Text Mining.
- The group supports discussions on big data and how IBM's big data platform can deal with client's big data requirements.

How Big Techs Are Powering Big Billion Day Sales

22/08/2019 | **Author:** Ram Sagar

Keywords: *companies | day | techs | amazon | big*

- The question that arises here is how data analytics plays a pivotal role in helping out these companies.
- It was projected that Prime Day would make $5.8 billion in global sales.
- AWS enables customers to add the capacity required to power big events like Prime Day in an elastic and cost-effective manner.
- Prime Day 2019 also relied on a massive, diverse collection of EC2 instances.
- The internal scaling metric for these instances is known as a server equivalent; Prime Day started off with 372K server equivalents and scaled up to 426K at peak.

RPA Vs DPA Vs BPA Vs IPA: What Should Be the Priority of CIOs For Business Acceleration?

24/08/2019 | **Author:** Smriti Srivastava

Keywords: *process | acceleration | transformation | business | processes*

- RPA Vs DPA Vs BPA Vs IPA: What Should Be the Priority of CIOs For Business Acceleration?
- Well, RPA is not the only process automation technology that companies are leveraging to drive goals, efficiency, and digital transformation.
- Digital Process AutomationDPA is considered as a crucial evolution of Business Process Management (BPM).
- Although it seems similar to business process management the big difference is that digital process automation deduces that the business processes have been digitized and are optimization-ready.
- Intelligent Process AutomationThe process automation technology apart from RPA, DPA, and BPA that CIOs and IT executives need to sort and parse is Intelligent Process Automation.

Kannada Makes It To The ML World With A Full-Fledged MNIST Dataset

21/08/2019 | **Author:** Amal Nair

Keywords: *makes | fullfledged | images | world | ml*

- What Is Kannada-MNISTThe dataset consists of images of handwritten digits in Kannada with 60,000 images in training set and 10,000 images in the test set.

Future-Ready, Data-Fluent Managers

Big Data Analytics

- In addition to the training and test set, there is another set which consists of 10,240 images called the Dig-MNIST dataset.
- Kannada-MNIST vs MNISTThe paper also compares the Kannada-MNIST with the MNIST dataset.
- It was observed that the Kannada-MNIST dataset has a maximal mean pixel-intensity of ∼ 0.3 as compared to the ∼ 0.6 of the MNIST dataset.
- The same model returned an accuracy of 76.2% on the Dig-MNIST dataset.

NVIDIA Brings a New Chatbot Breakthrough to Conversational AI

23/08/2019 | Author: Vivek Kumar
Keywords: *language | nvidia | models | ai | brings*

- NVIDIA Brings a New Chatbot Breakthrough to Conversational AIFor the past decade, artificial intelligence has made remarkable strides and natural language processing (NLP) is one of the top applications of it.
- However, it is extremely complex for chatbots, intelligent personal assistants and search engines to operate with human-level comprehension due to the inability to implement very large AI models in real-time.
- So, to overcome this challenge, the computer gaming company added key optimisations to its AI platform that could deliver complete AI inference in just over two milliseconds.
- The Vice President of applied deep learning research at Nvidia, Bryan Catanzaro said, "Large language models are revolutionising AI for natural language.
- This rate of advancements in AI research is putting the power of language understanding and conversational interface into the hands of developers.

Integration of Artificial Intelligence and Machine Learning with Analytics

22/08/2019 | Author: Priya Dialani
Keywords: *organizations | ai | data | integration | intelligence*

- Integration of Artificial Intelligence and Machine Learning with AnalyticsAnalytics has been changing the reality for organizations for a long while.
- That is the reason organizations are hoping to implement machine learning and artificial intelligence.
- Figuring out how to consolidate modern machine learning methods into their data infrastructure is the initial step.
- With machine learning however, your analytics tool would perceive patterns of activity and alarm you just when something was really unusual.
- As these examples show, AI and machine learning combined with analytics have the ability to genuinely enable advertisers to accomplish their most eager objectives.

Confidential Computing: How Big Tech is Coming Together To Secure Data

22/08/2019 | Author: Vishal Chawla
Keywords: *encrypted | secure | computing | cloud | public*

- Protecting data while in use is called confidential computing, which the Confidential Computing Consortium is aiming to create across the industry.
- The Confidential Computing Consortium intends to concentrate on this last security issue when data gets processed in memory.
- Confidential computing will enable encrypted data to be processed in memory without exposing to the rest of the system, reduce exposure for sensitive data and provide greater control and transparency for users.
- Goal Of The ConsortiumThe main goal of Confidential Computing Consortium is creating the and cross-platform tools for confidential computing to thrive.
- Currently, there are numerous implementations of confidential computing, yet every one its very own SDK.

A Day In The Life Of: A Seasoned Products Engineer Who's Pursuing New Revenue Streams

23/08/2019 | Author: Prajakta Hebbar
Keywords: *gopalakrishnan | whos | engineer | customer | work*

- Even though his work begins at 9.30 am, Gopalakrishnan logs in early and starts the reviews and discussions a couple of hours early.
- Even though Gopalakrishnan is a seasoned techie, he makes sure that he gets his morning workout at least four times a week.
- Describing his social life as 'active', Gopalakrishnan explains, "I like meeting my old friends every now and then.
- My work consists of creating strategies, executive management, customer engagement and management, product go-to-market, implementation and rollout of solutions and end-to-end customer life-cycle management.
- His short-term goal for now is to develop new verticals and solutions and grow revenue for his organisation.

In Conversation With Sunil Gupta, The 'Data Centre Man of India'

24/08/2019 | Author: Srishti Deoras
Keywords: *centres | hiranandani | man | growth | cloud*

- Yotta, a managed data centre service provider that designs, builds and operates large-scale hyper-density data centre parks in India recently made headlines in the tech sector.
- Heading Yotta Infrastructure now is Sunil Gupta who is known as the 'Data Centre Man of India'.
- Analytics India Magzine got in touch with Gupta to get an understanding of his ambitious plans behind setting up data centre parks in India.
- Sunil Gupta: The data centre market in India has grown drastically in the last 20 years.
- The first data centre we are starting is going to be 7,200 racks data centre.

Data Science Skills Study 2019: By AIM & Imarticus Learning

20/08/2019 | Author: Prajakta Hebbar
Keywords: *skills | used | tools | work | data*

Future-Ready, Data-Fluent Managers

Big Data Analytics

- While most of the data scientists still use PCs and similar models, the second-favourite product is Nvidia GeForce GTX 9 Series GPU.
- With a plethora of data analytics tools available online, we asked data scientists if they were willing to use open-sourced tools at work.
- Data Visualisation may be a tricky path for many data scientists.
- This has clearly reflected in the shares of other IDEsAnd close to 21% data scientists like using RStudioPyCharm ranks a distant third with only 18% data scientists preferring to use it at workHow Is Code Shared At Your Workplace?
- We got a clear picture that the data scientists, as well as their organisations, use a variety of architectures.

AI in Financial Services and Risk Management

22/08/2019 | Author: Priya Dialani

Keywords: *financial | firms | ai | business | risks*

- AI in Financial Services and Risk ManagementArtificial intelligence, as hot and advertised as anything in the present tech marketplace, is no special case.
- But, it's only in the past couple of years that financial services firms have started to deploy AI.
- According to a survey by the Global Association of Risk Professionals (GARP) and analytics pioneer SAS affirm that there is far-reaching interest for artificial intelligence in the financial services industry and especially toward the progression of risk management functions.
- In order to implement an effective and efficient risk management strategy and process, any AI deployment strategy should be aligned with the overall risk appetite from the beginning.
- Risk management divisions might be re-skilled and reshaped, while quantitative and analytical capabilities are applied all the more comprehensively in more departments of the company.

---

10 Leading Courses & Training Programmes For Blockchain In India: 2019

24/08/2019 | Author: Srishti Deoras

Keywords: *technology | content | programmes | training | courses*

- It covers the fundamentals of Blockchain technology while equipping learners with creating Blockchain strategies and solutions across diverse functional domains.
- It is designed to help the Blockchain technology aspirants with understanding the technology and application, analysing real-time problems, perform cost analysis, build applications and more.
- The training program has been designed with an optimal blend of theoretical concepts and hands-on experience suiting complete beginners.
- EMURGO Academy is a Global Blockchain Learning Solutions entity of EMURGO Global which was established in Jan 2019.
- It focuses on incubation, training and evangelising Blockchain to foster deep fundamental understanding of Blockchain technology.

Infosys Widens Partnership with Google Cloud Empowering Digital Transformation

22/08/2019 | Author: Smriti Srivastava

Keywords: *cloud | transformation | widens | google | partnership*

- Infosys Widens Partnership with Google Cloud Empowering Digital TransformationIT MNC Infosys, recently, announced the expansion of its partnership with Google Cloud to become a Google Cloud MSP (Managed Service Provider).
- This enhanced partnership with Google Cloud is an example of how we are helping enterprises as they look to the cloud for digital transformation.
- The partnership will offer solutions integrated with Google Cloud nurturing digital transformation for organizations across the globe.
- Customers increasingly want to move mission-critical workloads to Google Cloud.
- Infosys' experience and knowledge in cloud migration, particularly with priority workloads such as SAP applications and in hybrid cloud deployments, will be a valuable resource for customers as they modernize business processes on Google Cloud."

Qubole Announces India's First-Ever Presto Summit In Bengaluru

24/08/2019 | Author: Richa Bhatia

Keywords: *summit | presto | companies | qubole | provides*

- Now, at a time when organizations are pivoting to multi-cloud environments, there is a greater need for a cloud-native data platform for analytics, machine learning and artificial intelligence.
- The move towards multi-cloud environments is a natural progression for enterprises but it also ushers in a need for a cloud-native data platform to crunch petabytes of data.
- To foster dialogues and forward-looking discussions about big data activation in the cloud, California-headquartered Qubole is hosting the first-ever Presto Summit in India.
- The summit provides a very exciting opportunity to interact with India's top Presto developers and data engineers, the Presto creators, and also Apache Hive co-founder Joydeep Sen Sarma.
- Event: Presto Summit BengaluruWhen: September 5, 2019Where: Courtyard By Marriott, ORR, BengaluruTo know more about the event, click hereTo register, click hereRelated StoriesProvide your comments belowcomments

---

Future-Ready, Data-Fluent Managers

Big Data Analytics