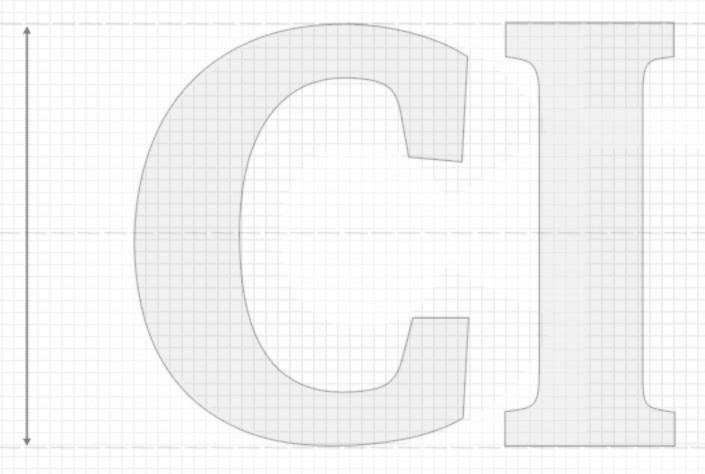


Cloud Intelligence / AIOps

Digital transformation is happening in all industries. Running businesses on top of cloud services (e.g., SaaS, PaaS, IaaS) is becoming the core of digital transformation. However, the large-scale and high complexity of cloud services brings great challenges to the industry. There is an emerging trend of infusing AI into every aspect of the design, development, and operations of cloud service systems, we call it AIOps. We envision that, with the advance of AIOps technologies, the cloud industry will achieve significant progress.



"Digital magazines, newspapers, your favourite novel, and all forms of continuous screen reading benefit from Portada's features."

The characters used in our Cloud Intelligence / AIOps logo are based off of Type Together's Portada typeface.

Moving from a sans to serif to associate with the tradition in research science of writing. Which is still important if not the most important thing for a scientist to do, is to write, and publish.

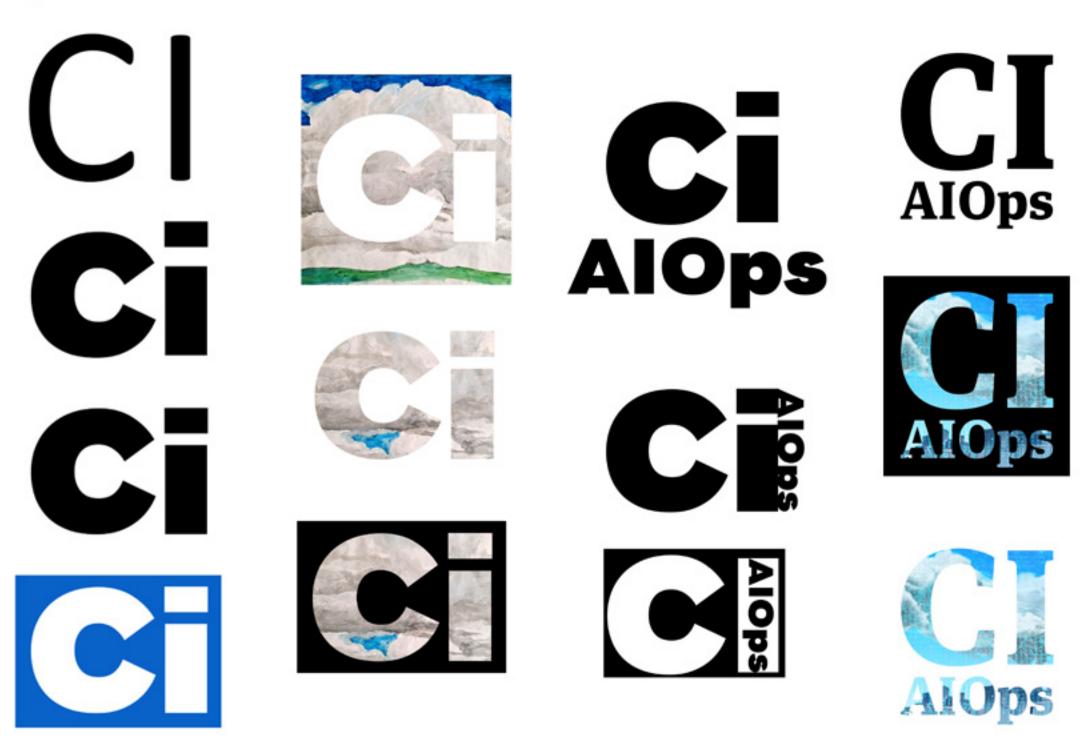
Designed by Veronika Burian and José Scaglione for superlative performance in long-form reading on screens, in UI, and in apps, Portada is a serif type family and icon set that's as clear and readable as a sans in restrictive digital environments.

"Portada was created from and for the digital world — from e-ink or harsh grids to Retina capability — making it one of the few serifs of its kind. Portada's text and titling styles were engineered for superlative performance, making great use of sturdy serifs, wide proportions, ample x-height, clear interior negative space, and its subservient personality. After all, words always take priority in text."

"It's not all business, though. Portada's italics contain an artefact of calligraphy in which the directionality of the instrokes and the returning curves of the outstrokes give the family a little unexpected brio."

Iteration

Iterative design is a design methodology based on a cyclic process of prototyping, testing, analyzing, and refining a product or process. Based on the results of testing the most recent iteration, changes and refinements are made. This process is intended to ultimately improve the quality and functionality. In iterative design, interaction with the designed system is used as a form of research for informing and evolving a project, as successive versions, or iterations are implemented.



#dde5ed iceberg gray

#b1c9e8 pidgeon gray

#94a9cb smoky gray #68798d slate gray

#5299e1 blue gray

#68798d lime green

#68798d sforest green

Cloud Intelligence/A	lOps Design	Guide	2022
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This color palette is meant to reflect the ideas that are forming Cloud Intelligence / AIOps.

Cloud White

An elusive, omnipresent, insulating, fragile, and ephemeral amorphism.

Cerulean Blue

Looking at a blue sky brings a sense of peace and tranquility. Surrounding us with Cerulean blue could bring on a certain peace because it reminds us of time spent outdoors, on a beach, near the water - associations with restful, peaceful, relaxing times. In addition, it makes the unknown a little less frightening because the sky, which is a presence in our lives every day, is a constant and is always there.

Iceberg Gray

The dissapearance of the icebergs signifies the change of climate.

Pigeon Gray

The color of the bird used as a way of sending packets of information.

Smoky Gray

During the fire season on the West Coast of America, the fire smoke reduces the light level during a would be otherwise sunny day, bringing a silence of nature as the animals flee the woods.

Slate Gray

Slate is a surface used as chalkboards used to write equations supporting theories of a time before the rock even existed.

Lime Green

The classic color of the interactive tech revolution starting with the monochromatic green text adventures.

Forest Green

When a team of international scientists set out to count every tree in a large swathe of west Africa using AI, satellite images and one of the world's most powerful supercomputers, their expectations were modest. Previously, the area had registered as having little or no tree cover.

The biggest surprise is that the part of the Sahara that the study covered, roughly 10%, where no one would expect to find many trees actually had quite a few hundred million with the help of ML recognizing trees growing in isolation common in a semi-arid area.

Applied to Social Media

The following are examples of how the previous definitions can be applied to LinkedIn, Facebook, Instagram, and Twitter which are the most popular platforms as of this 2022 publication.









All of these networks can be managed from ads.microsoft.com/signup/mca for free.



LinkedIn

"One of the great things about LinkedIn is it isn't the same kind of networking that happens at conventions." -Melanie Pinola, Senior Staff Writer & Editor at Consumer Reports

There are about 1,010,000 data scientists on LinkedIn. The following are the popular data science groups with their member count.



Cloud Computing, Cybersecurity, SaaS, Data Centre & Virtualization

664k members



Cloud Computing

521k members



Artificial Intelligence, Deep Learning, Machine Learning

447k members



Big Data, Analytics, Business Intelligence & Visualization Experts Community

417k members



Machine Learning Community

315k members



Data Mining, Statistics, Big Data, Data Visualization, AI, Machine Learning, and Data Science

278k members



Big Data, Machine Learning, Data Science, Artificial Intelligence, IoT & Blockchain

140k members



Artificial Intelligence, Deep & Machine Learning, AI, Big Data, Virtual Assistants, Chatbots

27k members

The following relevant hashtags have been found to be popular:

#bigdata 7,127,285 followers
#cloudcomputing 3,888,567 followers
#artificialintelligence 2,419,473 followers
#machinelearning 1,714,447 followers
#AIOps 1,435 followers

LinkedIn

This is what a LinkedIn post looks like using the Cloud Intelligence / AIOps design guide using the MLsys'22 Workshop as an example for the content:





FaceBook

"FaceBook is primarily an advertising platform." -Mark Zuckerberg, CEO Meta "FaceBook is the frontline for stopping hate." - Jonathan Greenblatt, CEO ADL



Artificial Intelligence & Deep Learning

495k members



Artificial intelligence, Machine learning, Deep learning

185k members



Artificial Intelligence and Machine Learning

174k members



Deep learning

167k members



Data Mining / Machine Learning / Artificial Intelligence





Python Machine Learning

133k members



Computer Vision

99k members



Machine Learning & Artificial Intelligence Group 93k members



Deep Learning and Machine Learning

90k members



Data Science, Machine Learning, Deep Learning and Artificial Intelligence

80k members



Deep Learning / AI

61k members



Data Science - Machine Learning, Artificial intelligence, Deep Learning

58k members



Machine Learning, Artificial Intelligence and Data Analytics

50k members



AI – ML Machine Learning | Data DS – DL Science | Deep Learning

50k members



Awesome Al Papers (Deep Learning, Computer Vision, Robotics, NLP etc.)

43k members



Artificial Intelligence: Deep Learning, Machine Learning & **Neural Networks**

39k members



CHIN Artificial Intelligence | Data
Science | Deep Learning | Machine Learning 38k members





Cloud Computing

36k members



Data Science/Cloud Computing, AI & Machine Learning 25k members



MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE **PROFESSIONALS GROUP** 25k members



Cloud is Future (AWS, Azure, VMware or Google Cloud etc.)

4k members



Bigdata Machine Learning 21k members

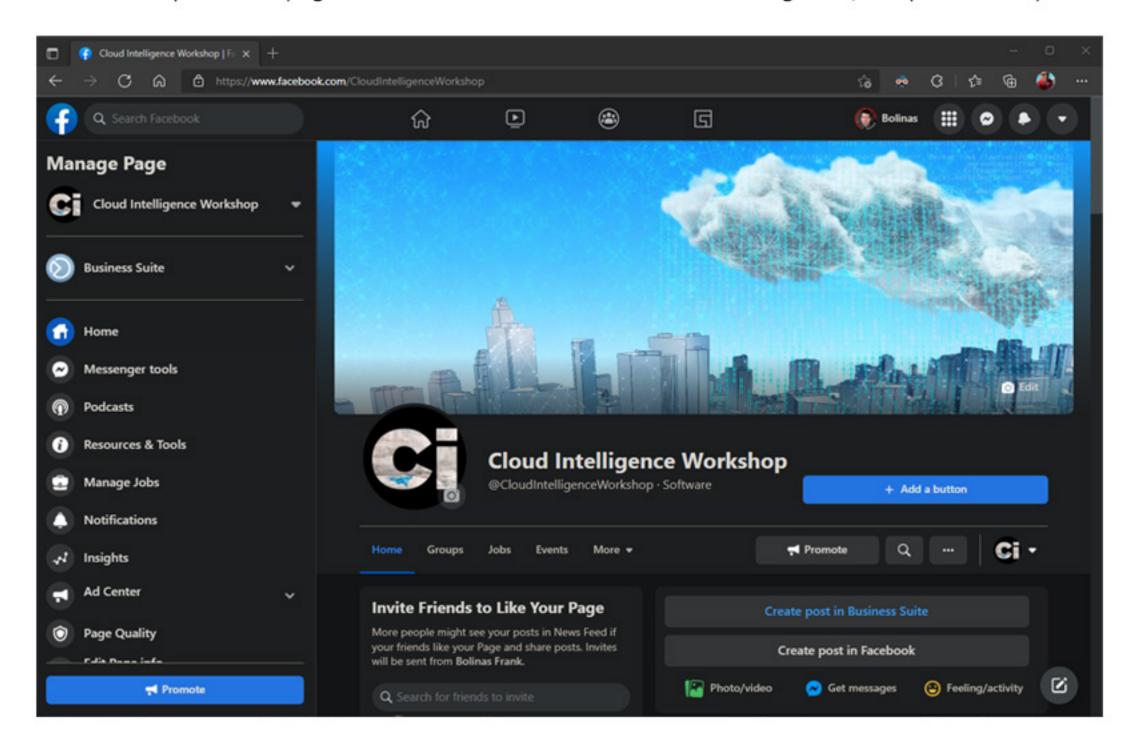
The following relevant hashtags have been found to be popular:

#machinelearning #cloudcomputing #AIOps

126k people 48k people 1k people

cloudintelligence.org

This is an unpublished page created in Facebook for the Cloud Intelligence / AIOps Workshop:





Twitter

The Cloud Intelligence / AlOps Workshop can gain public awareness through tweets. The following are popular data science accounts:



Azure 863k followers



analyticbridge 232k followers



Datasciencectrl

183k followers



DeepLearn007
129k followers



Ben Lorica 罗瑞卡 45k followers



CloudComputing3
23k followers



Analytics_699
10k followers



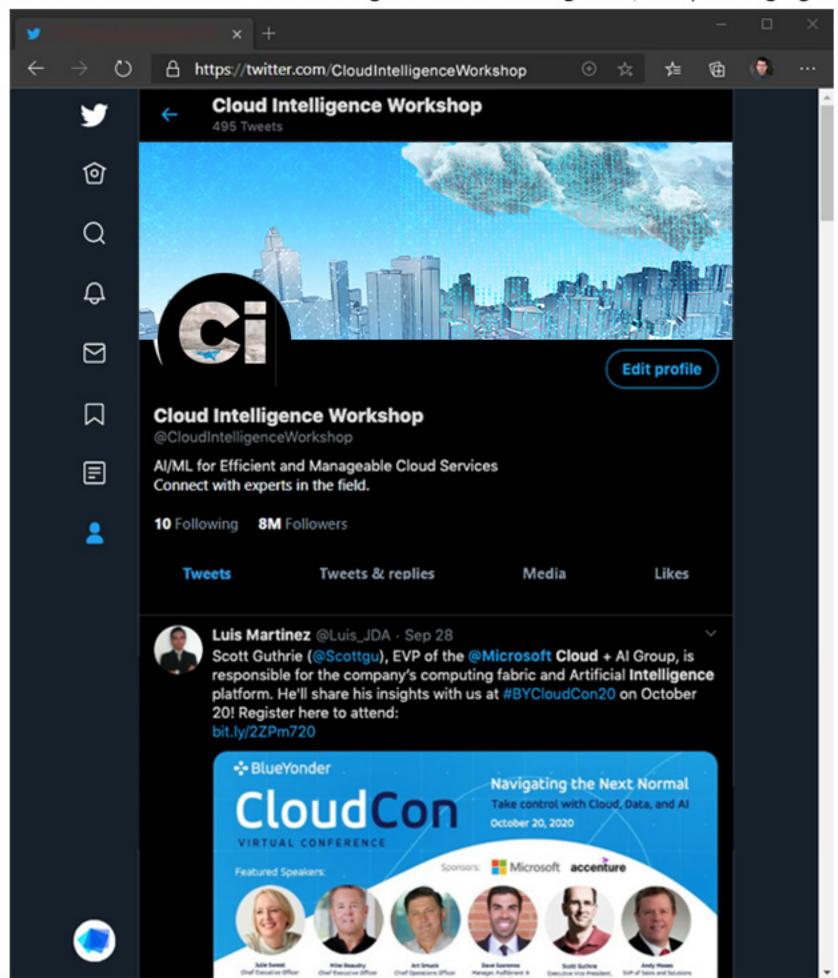
Eli_Krumova
7k followers

The following relevant hashtags have been found to be popular:

#ai 350 tweets per hour
#machinelearning 130 tweets per hour
#artificialintelligence 100 tweets per hour
#bigdata 80 tweets per hour
#analytics 60 tweets per hour
#cloudcomputing 30 tweets per hour
#AIOps 210 total tweets

Twitter

This is what a Twitter account looks like using the Cloud Intelligence / AIOps design guide:





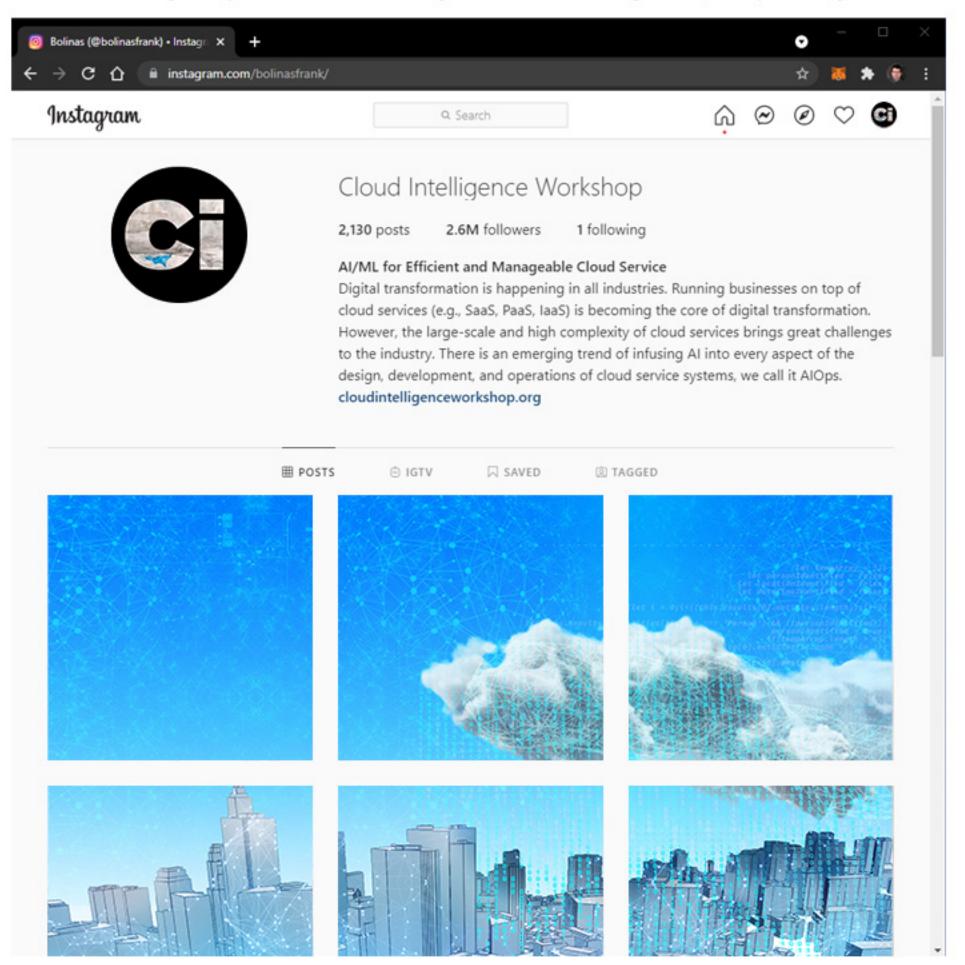
The Cloud Intelligence / AlOps Workshop can gain public awareness through Instagram posts.

The following relevant hashtags have been found to be popular:

#ai 4.1 M posts
#artificialintelligence 1.7 M Posts
#ML 1.6 M posts
#NLP 1.5 M posts
#machinelearning 1.3 M posts
#bigdata 1.0 M posts
#AIOps 2.7 k posts

Instagram

This is what an Instagram post could like using the Cloud Intelligence / AIOps Design Guide:



Other conference workshop sites put social links in the main navigation.



The MLSys'22 Workshop on Cloud Intelligence / AIOps

In conjunction with the 5th Conference on Machine Learning and Systems

April 14th, 2022 Santa Clara Convention Center

Home Call For Papers Accepted Papers Organizers Program 2021 in 🕶 💿 💟

AIOps

cloudintelligenceworkshop.org