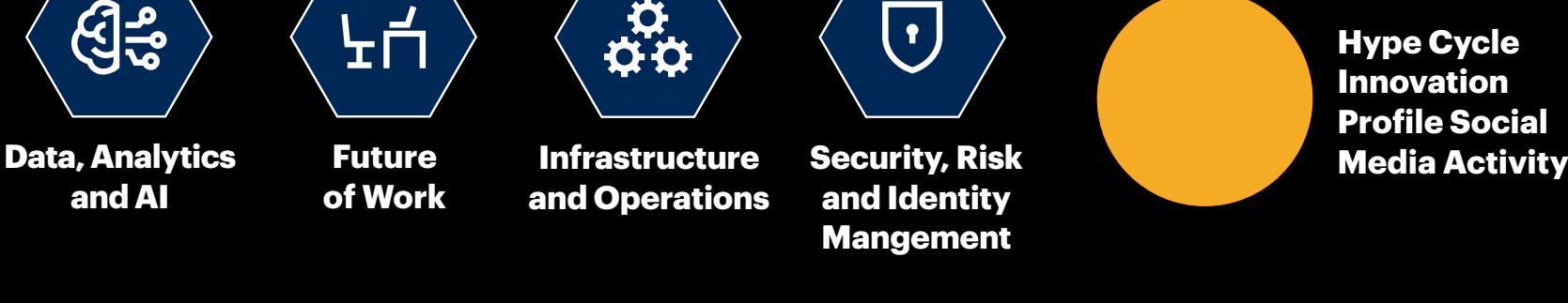


Gartner's 2021 Heat Index: Connecting Hot, Hype and Cool

See how Gartner's 2021 illustrative Cool Vendors relate to key hot technology areas

This infographic highlights Cool Vendors selected by Gartner in 2021 and their alignment with Gartner's Hype Cycle Innovation Profiles. The Hype Cycle Innovation Profiles are ordered by the levels of social media activity generated in social media channels in 2021 with the highest activity at the top of the chart.



Data, Analytics and AI		
Hype Cycle Innovation Profile	Illustrative Cool Vendors	
Deep Learning	fast.ai Neurocle	
Computer Vision	AlInnovation GDFLab SpaceKnow	
AI Orchestration and Automation Platform	Abacus.AI Arize Ascend.io Molecula Mona NNAISENSE OctoML	ONE LOGIC Run:AI Spell Tecton TruEra Weights & Biases
Chatbots	Botium	
Conversational Analytics	iGenius	
Natural Language Understanding	DEEPSEARCH Re:infer	
Reinforcement Learning	AgileSoDA	
Responsible AI	Arthur AI DreamQuark Synthesized	
Conversational AI Platforms	Clinic KeyReply Skit	
Neural Machine Translation	Intento	
Knowledge Graph	Stratio	
DataOps	GRAX Nexla Soda	
DataFabric	Astronomer Tada Cognitive Solutions timbr.ai	
Synthetic Data	Hazy	
External Data Providers	Explorium	
Decision Intelligence	PredictHQ	
Augmented Analytics	ConverSight.ai Sisu Tangent Works	
Semantic Search	Pinecone	
Self-Service Data and Analytics	Incorta	
Data Marketplace and Exchanges	OpenBlender	
CompositeAI	DeepSee MarketMuse Prospera Technologies	

Future of Work	
Hype Cycle Innovation Profile	Illustrative Cool Vendors
Virtual Reality	Wolf3D
Augmented Reality	GridRaster
Head-Mounted Displays	ViewPoint Systems
Light Cargo Delivery Drones	Easy Aerial
Push to Talk	Instant Connect Software
Visual Collaboration Tools	Mentimeter Slite
HR Application Frameworks	BizMerlin
Immersive Meetings	Arthur.Digital The Wild
Machine Learning in HCM	Panalyt
Field Service Workforce Optimization	Urbint
AR Cloud	Resight
VEAs for Customer Service	ASAPP
New Work Hub	qatalog Simplr
Knowledge Management for Customer Services	Lessonly
AI Mediated Communications	Balto
Supplier Information Management	Graphite Systems SupplyHive
Autonomous Sourcing	Big Ops Globality
Next-Gen Talent Assessments	Andjaro
Ontology-Based Skills Graph	SkyHive

Infrastructure and Operations		
Hype Cycle Innovation Profile	Illustrative Cool Vendors	
Cloud Native	Replicated	
SD-WAN	Infiot	
IoT Security	LOCH	
Service Mesh	TetraTE Traefik Labs	
IPaaS	TriggerMesh	
Immersion Cooling	Submer	
Observability	Cribl Dashbird Grafana Labs	Lightrun Observe
CSPM	Concourse Labs	
Container Management	Komodor	
Network Firewalls	Valtix	
Edge PaaS	AlefEdge	
eBPF	Isovalent	
Automated Incident Response	Blameless	
Computational Storage	ScaleFlux	
Edge Management and Orchestration	Veaa	
Serverless fPaaS	Rookout	
Hybrid Cloud Storage	Model9 Hammerspace	
Container-Native Storage	Arrikto	
Cloud Service Expense Management	ProsperOps Replex (Citrix) Yotascale	
Intercloud Data Management	Vendia	

Security, Risk and Identity Management		
Hype Cycle Innovation Profile	Illustrative Cool Vendors	
DevSecOps	Apiiro Authomize	Bionic Jaroon
CNAPP	Orca Security Sonrai Security Wiz	
MDR	Quorum Cyber	
Cyber Physical Systems	CounterCraft Mission Secure Seclab	Shift5 Viakoo
Homomorphic Encryption	TripleBlind	
PAM	Teleport	
SOAR	Query.AI Tines	
External Attack Surface Management	Randori	
Data Security Governance	Concentric	
SaaS Delivered IAM	Clear Skye Singular Key	
Privacy Management Tools	Ketch	

Source: Gartner
 * Gartner related the Cool Vendors identified in 2021 to innovation profiles described in 2021 Hype Cycle reports. Social media analysis was then undertaken to determine how much activity related to these innovation profiles occurred during 2021. Innovation profiles with the most activity were categorized as "fire" and those with the lowest activity were categorized as "mild". The Cool Vendors associated with these innovation profiles are a sample and not representative of the entire market in each domain.
 © 2022 Gartner, Inc. and/or its affiliates. All rights reserved. 751954_C