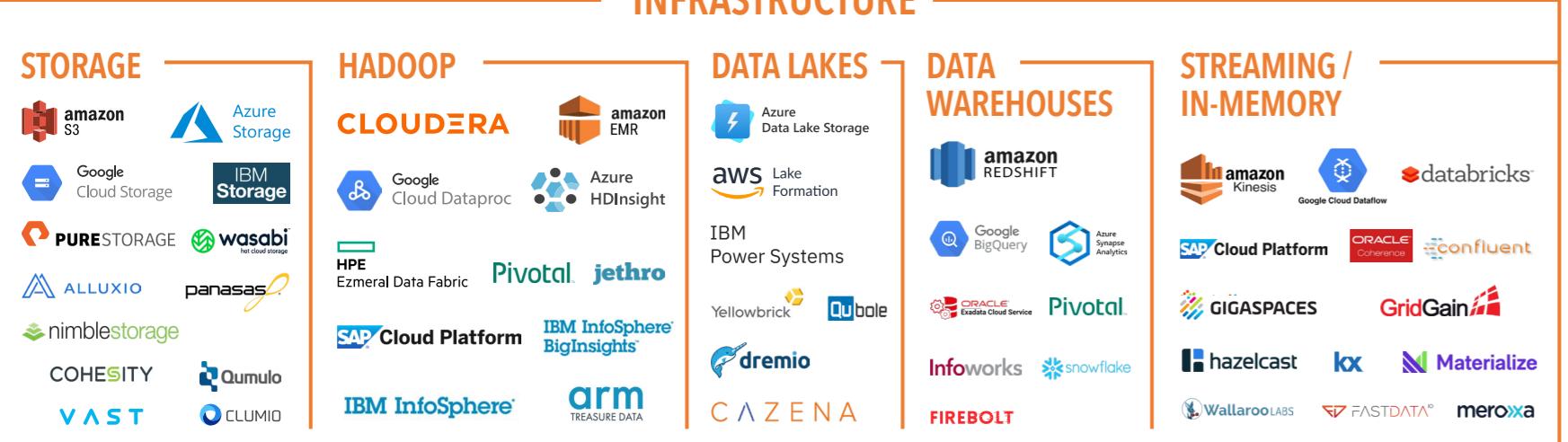
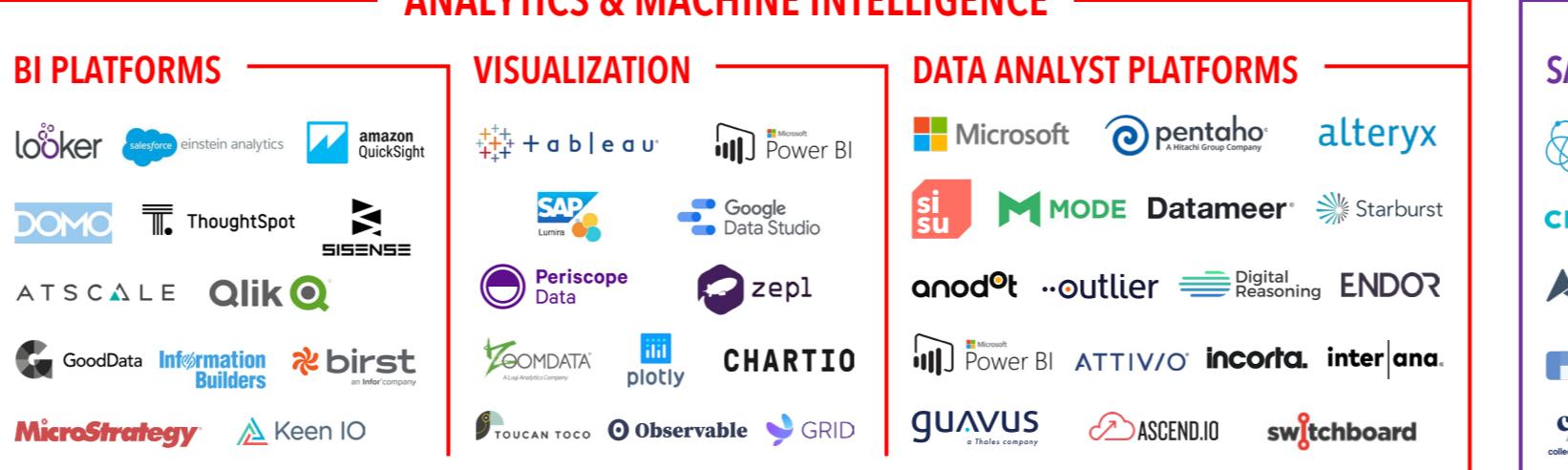


DATA & AI LANDSCAPE 2020

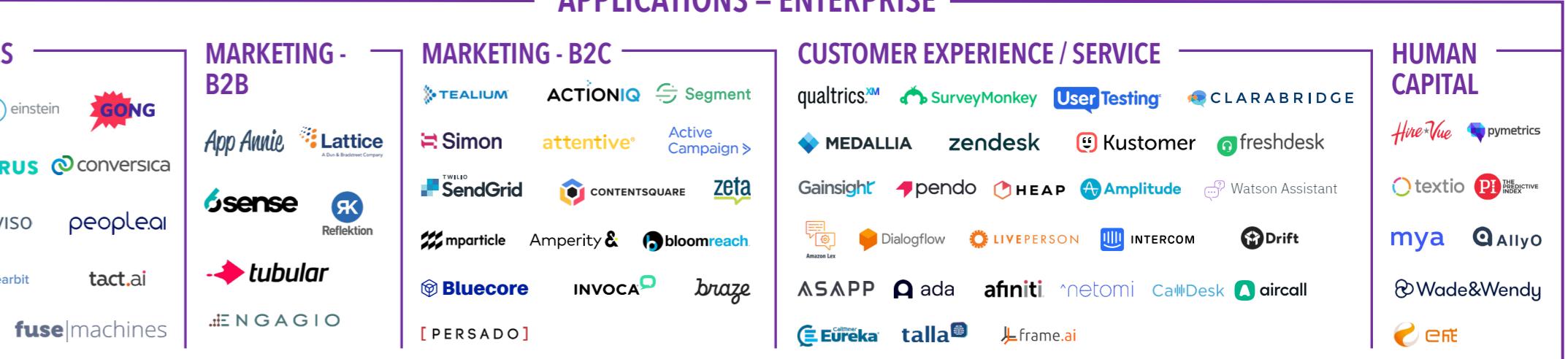
INFRASTRUCTURE



ANALYTICS & MACHINE INTELLIGENCE



APPLICATIONS – ENTERPRISE —



The image is a horizontal collage of logos for various database management systems, organized into six main categories:

- NoSQL DATABASES**: Includes Google Cloud Bigtable, Amazon DynamoDB, Amazon DocumentDB, Oracle, MarkLogic, DataStax, Aerospike, Scylla, and ArangoDB.
- NewSQL DATABASES**: Includes SAP HANA, Amazon Aurora, NuoDB, Azure CosmosDB, Cloud Spanner, Pivotal, MariaDB, imply, Clustrix, MemSQL, influxdata, Cockroach Labs, Splice Machine, VoltDB, TiDB, Timescale, Apache Trafodion, and paradigm4.
- GRAPH DBs**: Includes neo4j, Amazon Neptune, IBM, Giraph, Oracle, OrientDB (An SAP Company), Stardog, InfiniteGraph, Objectivity, and TigerGraph.
- MPP DBs**: Includes Teradata, Vertica, and IBM Data Warehouse Systems.
- SERVERLESS**: Includes Microsoft Azure, AWS Lambda, Action, Kognitio, nuclio, Exasol, and Pivotal Function Service.
- CLUSTER SVCS**: Includes Amazon ECS, IBM Sys, IBM, K Amazon, HPCC Systems, pepperdata, Mesosphere, packet, CycleCloud, Bright Computing, Hewlett Packard Enterprise, and any.



The banner is divided into four vertical sections by purple borders. The first section, 'REGTECH & COMPLIANCE', contains logos for Seal, ContractPodAI, BigID, text IQ, TESSIAN Comply Advantage, OneTrust, DATA REPUBLIC, ETHYCA, and SECURITI.ai. The second section, 'FINANCE', contains logos for Anaplan, zuora, SAP S/4 HANA, TRADESHIFF, SCALE FACTOR, KRYON, botkeeper, ALKYMI, pilot, DIGITS, appzen, and celonis. The third section, 'AUTOMATION & RPA', contains logos for UiPath, h [s] HyperScience, ZINIER, blueprism, AUTOMATION ANYWHERE, VIDADO, WorkFusion, workato, Catalytic, ANTONWORKS, GOLDEN, FortressIQ, highradius, Electric, INSTABASE, Moveworks, and celonis. The fourth section, 'SECURITY', contains logos for TANIUM, BlackBerry Spark, zscaler, StackPath, CROWDSTRIKE, illumio, FORTER, feedzai, DATAVISOR, pindrop, sift science, riskrecon, mastercard, ANOMALI, Recorded Future, SHIELD AI, sparkognition, cyberason, DARKTRACE, ThreatMetrix, VECTRA, SOCURE, CLOUDFLARE, exabeam, AREA 1 SECURITY, OBSIDIAN, SentinelOne, SUPER RED, BLUEHEXAGON, AXONIUS, GitGuardian, and Armorblox. CybelAngel, PRIVITAR, netskope, and riskified are also listed at the bottom of the security section.

ETL / DATA TRANSFORMATION

talend
alteryx
amazon Glue
amazon Athena
Azure Data Factory
Paxata
StreamSets
UNIFI
tamr
dataform

DATA INTEGRATION

SAP Data Services
Segment
Informatica
MuleSoft
TEALIUM
snapLogic
Stitch
Qlik Data Catalyst™
tray.io
Fivetran
xplenty
ATTUNITY
ZALONI
import.io
MATILLION
Infoworks
SNOWPLOW
Narrator
Census
SEEKWELL

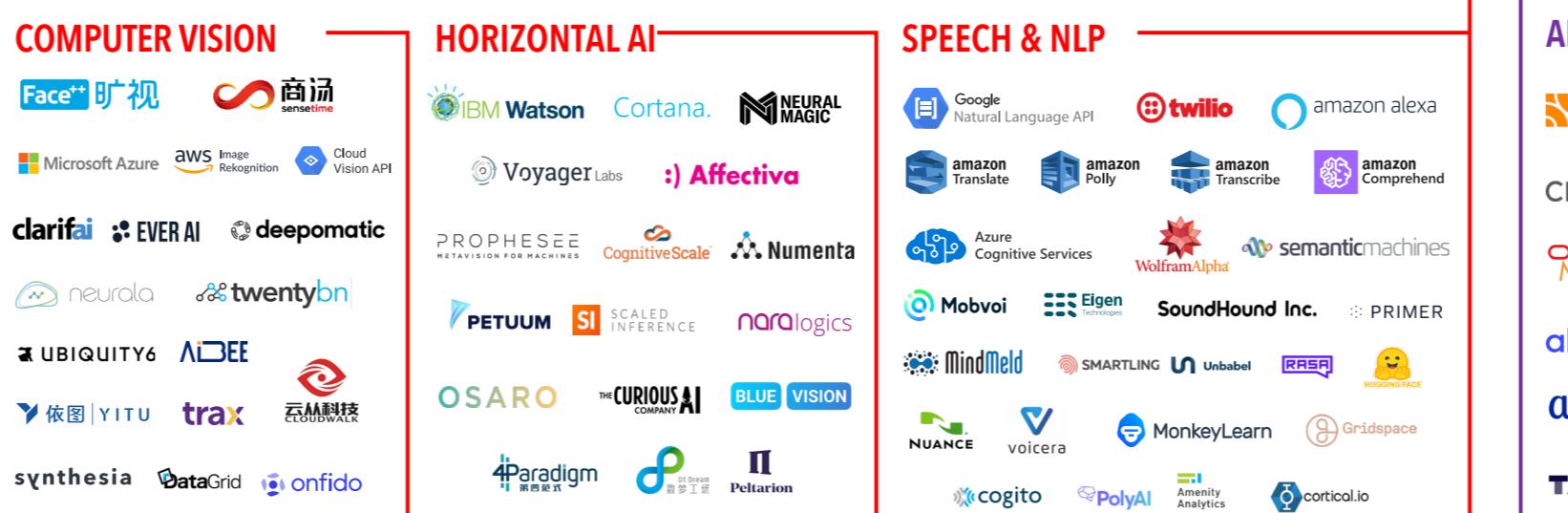
DATA GOVERNANCE

Informatica
IBM
collibra
dremio
IMMUTA
Waterline Data
PRIVAGERA

SailPoint
Alation
McAfee Skyhigh Security Cloud
MANTA
OKERA
data.world

DATA QUALITY

talend
TOP
SODA
dataflow
Databand
precisely
great_expectations
MC
MONTE CARLO



The image displays a grid of company logos, each accompanied by its name. The sectors represented are: Advertising (Top Nexus, MediaMath), Education (Liulishuo,猿辅导, Knewton, Declaral, Squirrel Ai Learning, Korbit), Real Estate (ReDFIN, VTS, Opendoor, Orchard, reconomy, SKYLINE, SPACEMAKER, GEOPHY), Government & Intelligence (Palantir, OPENGOV, Dataminr, MARK43, ANDURIL, FiscalNote, Quid, PRIMER), Commerce (FAIRE, STITCH FIX, HowGood, STANDARD), Finance - Lending (affirm, Monedo, TALA, ZEST, upgrade, CLEARBANC, aura, Upstart, 100Credit, Active.Ai), and Insurance (ROOT, metromile, Lemonade, GUIDEWIRE, Shift Technology, ARTURO, CAPE ANALYTICS, TRACTABLE, EvolutionIQ, ZELROS, zesty.ai).

The image displays a grid of company logos, each representing a different technology provider in the field of AI and cloud computing. The companies are categorized into five groups:

- MGMT / MONITORING**: Includes logos for Amazon Cloudwatch, New Relic, Datadog, Splunk, AppDynamics (part of Cisco), Rubrik, Dynatrace, SolarWinds, Druva, Wavefront by VMware, Actifio, Numerify, Moogsoft, Chronosphere, Unravel, PagerDuty, Scalyr, Zenoss, ScienceLogic, Magnitude, Veeam, Grafana Labs, and OpsRamp.
- DATA GENERATION & LABELLING**: Includes logos for Amazon Mechanical Turk, Hive, Scale, Upwork, Appen, Unity, Lionbridge, Labelbox, and AI Reverie.
- AI OPS**: Includes logos for Algorithmia, HPE Ezmeral ML Ops, Weights & Biases, Comet, Saagie, Determined AI, Verta.ai, Tecton, Spell, ArthurAI, Fiddler, Datatron, Datmo, Evidently AI, and FloydHub.
- GPU DBs & CLOUD**: Includes logos for Kinetica, Paperspace, Sqream Technologies, Omnisci, Fauna, Brytlyt, PG-Strom, Blazegraph by Syntac, BlazingDB, and FloydHub.
- AI HARDWARE**: Includes logos for Google TPU, Intel AI, NVIDIA, IBM Power Systems, Graphcore, Intelligent Fusion, Berkshire Grey, Covari, Credo, Hailo, Mythic, Movidius, Vicarious, Cornami, and Cerebra.



The image is a horizontal collage of company logos, each representing a different industry. The industries are separated by vertical purple lines. From left to right, the industries are: Healthcare, Life Sciences, Transportation, Agriculture, Industrial, and Other. Each industry section contains several logos of well-known companies. For example, in the Healthcare section, logos include Kyruus, Metabiota, Babylon, 3DMed, PathAI, Tempus, AxCure, LinkDoc, Tuple, Imagia, Komodo Health, Paige, Innovaccer, Lumiata, Spring Health, Human Diagnosis Project, Iz.ai, Enlitic, Arterys, Caption Health, Image, and Zebra Medical Vision. In the Life Sciences section, logos include 23andMe, color, iCarbonX, BenevolentAI, DNAnexus, Verily, Pathway Genomics, Zymergen, Genuity Sciences, Inato, FreeNome, Atomwise, Phosphorus, Deep Genomics, SophiaA, Owkin, Insitro, Exscientia, Recursion Pharmaceuticals, ConcertAI, healx, and Verana Health. In the Transportation section, logos include Uber, Tesla, Waymo, Zoox, Cruise, Nuro, Aptiv, Cambridge Mobile Telematics, Aurora, Nauto, Aimotive, Argo, Pilot.ai, NIO, Optimus Ride, G7, Iker, Motional, Nexar, Kodiak, Moovit, Blaize, Ghost, Perceptive Automata, and Semios. In the Agriculture section, logos include Farmers Business Network, Granular, John Deere, Blue River Technology, Taranis, and Prospera. In the Industrial section, logos include Aveva, Siemens, Schneider Electric, Uptake, Sight Machine, GE Predix, Konux, Fero Labs, Scortex, Tachyus, Alice Technologies, Angory, BUILT Robotics, Beyond Limits, and Duetto. In the Other section, logos include Stem, Amper, ByteDance, Statespace, Verdigris, Second Spectrum, and Lightricks.

The image is a horizontal collage of logos for various open-source data processing frameworks and tools, organized into four main sections:

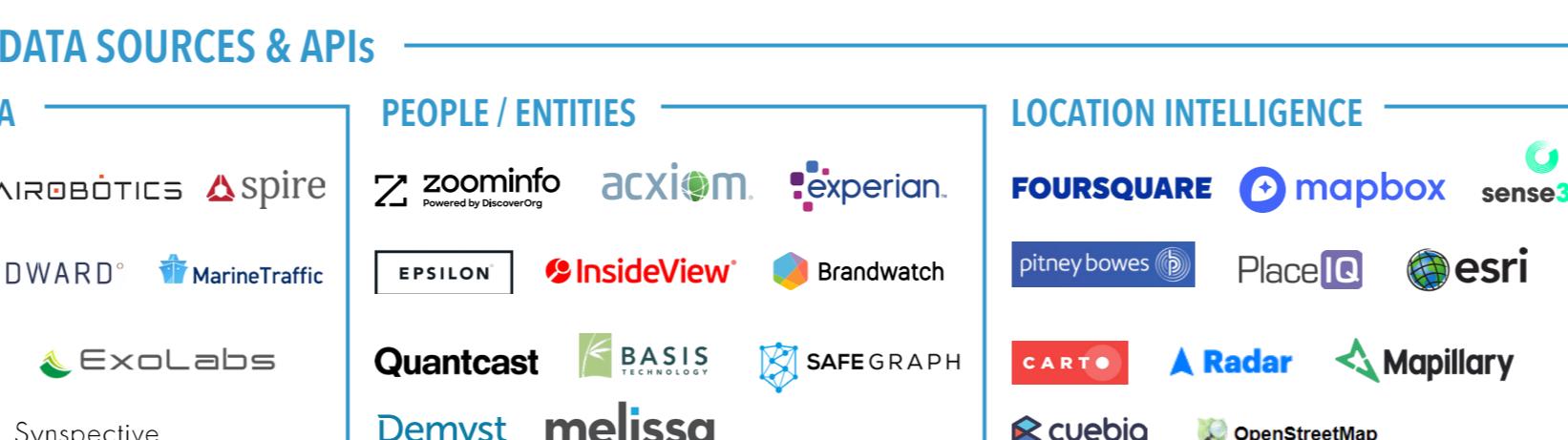
- FRAMEWORKS**: Includes Hadoop (HDFS and MapReduce), Spark, Flink, YARN, TEZ, Kubernetes, MESOS, Docker, and CDAP.
- QUERY / DATA FLOW**: Includes Spark SQL, cassandra, mongoDB, redis, CouchDB, presto, APACHE DRILL, SLAMDATA, GraphQL, Flink, Google Cloud Dataflow, HAWQ, and OPENTSDB.
- DATA ACCESS & DATABASES**: Includes Cockroach Labs, riak, Amundsen, druid, Uber Databook, Dataportal, SciDB, Cloud Spanner, DataHub, oqoop, and EDGE DB.
- ORCHESTRATION & PIPELINES**: Includes Apache Airflow, Oozie, etcd, PREF, DAGSTER, dbt, Flyte, and DASK.



The banner displays logos for the following projects:

- Machine Learning:** Caffe, Microsoft Cognitive Toolkit (DMTK), SINGA, DIMSUM, FeatureFu, ONNX, WEKA, LUDWIG, MAHOUT, Aerosolve, fast.ai
- Search:** elasticsearch, Solr, Lucene, Sphinx, Sonic, Toshi Search
- Logging & Monitoring:** SENTRY, elasticsearch, kibana, logstash, Prometheus, fluentbit, fluentd, Grafana, Timber.io VECTOR, OpenTelemetry
- Visualization:** Superset, matplotlib, Metabase, re:dash, TensorBoard, bokeh, ggplot2, seaborn
- Collaboration:** Beaker, Jupyter, Zeppelin, ANACONDA
- Security:** Apache Ranger, KNOX, Sentry, ACCUMULO, snyk

A horizontal banner featuring logos of various data-related companies. On the left, under 'DATA MARKETPLACES & DISCOVERY', are logos for AWS Data Exchange, DAWEX, and data.world. In the center, under 'FINANCIAL & ECONOMIC DATA', are logos for Bloomberg, snowflake®, EXPLORIUM, THE WORLD BANK, predata, MX, tink, Thomson Reuters, CB INSIGHTS, StockTwits, xignite, and SmartNews. On the right, under 'AIR / S', are logos for Quandl, Dow Jones, PLAIID, SECOND MEASURE, ENVESTNET YODLEE, NATIONAL SECURITY FUND, Desc Labs, and LOFT ORBITAL.



The banner is divided into four main sections by blue horizontal lines:

- OTHER**: Logos for DATA.GOV, DEFENSE INNOVATION UNIT, IMAGENET, LabelMe, Berkeley DeepDrive, COCO (Common Objects in Context), APOLLOSCAPE, and CRUX.
- DATA SERVICES**: Logos for QUANTUMBLACK (A MCKINSEY COMPANY), Mu Sigma (DO THE MATH), Booz | Allen | Hamilton, kaggle, ElectrifAi, fractaloo, EXL analytics, DataKind, and innovai CXUS™.
- INCUBATORS & SCHOOLS**: Logos for PLURALSIGHT, GENERAL ASSEMBLY, DataCamp, DataElite, galvanize, METIS, INSIGHT, and The Data Incubator (A Pragmatic Institute Company).
- RESEARCH**: Logos for OpenAI, facebook research, MILA (Montreal Institute for Learning Algorithms), MIRI (Machine Intelligence Research Institute), VECTOR INSTITUTE, CSAIL, and DFKI.