BIG DATA LANDSCAPE 2017

INFRASTRUCTURE

HADOOP ON-PREMISE
cloudera, Hortonworks, MAPR, Pivotal, IBM InfoSphere, bluedata, jethro

HADOOP IN THE CLOUD
amazon web services, Microsoft Azure, Google Cloud Platform, IBM InfoSphere BigInsights, TREASURE DATA, Qubole, Altiscale, CAZENA, CenturyLink

STREAMING / IN-MEMORY
amazon web services, databricks, confluent, striim, GridGain, METAMARKETS, DATATORRENT, dataArtisans, ORACLE, hazelcast, TERRACOTTA

NOSQL DATABASES
Google Cloud Platform, ORACLE, amazon DynamoDB, Microsoft Azure, MarkLogic, mongoDB, DATASTAX, AEROSPIKE, Couchbase, redislabs, influxdata

NEWSQL DATABASES
SAP, Clustrix, Pivotal, nuoDB, Cockroach Labs, memsql, splice MACHINE, MariaDB, OrientDB, citusdata, Trafodion, VOLTDB, deepdb, paradigm4

GRAPH DBS
neo4j, IBM, ORACLE, SPARX, InfiniteGraph, Objectivity, dremio

MPP DBS
TERADATA, VERTICA, NETEZZA, Pivotal, kognitio, EXASOL

CLOUD EDW
amazon web services, Google Cloud Platform, Microsoft Azure, Pivotal, snowflake, Infoworks

DATA TRANSFORMATION
talend, pentaho, alteryx, TRIFACTA, tamr, Paxata, StreamSets, UNIFI

DATA INTEGRATION
informatica, MuleSoft, snapLogic, TEALIUM, Segment, enigma, podium data, alooma, xplenty, ZALONI, import.io, Stitch

DATA GOVERNANCE
informatica, IBM, skyhigh, collibra, Alation, Waterline Data

MGMT / MONITORING
amazon web services, New Relic, APPDYNAMICS, actifio, DATADOG, WAVEFRONT, splunk, unravel, rocana, Anodot, pagerduty, Numerify

STORAGE
amazon web services, Google Cloud Platform, Microsoft Azure, ALLUXIO, nimblestorage, Qumulo, COHO, panasas

CLUSTER SERVICES
amazon web services, kubernetes, Keen IO, docker, MESOSPHERE, CoreOS, pepperdata

APP DEV
Lightbend, rainforest, CASK

CROWDSOURCING
amazon mechanical turk, upwork, WorkFusion, CrowdFlower

HARDWARE
Google TPU, ARM, nervana SYSTEMS, Graphcore, MYTHIC, Cerebras, NVIDIA, Movidius, SCORTEX

ANALYTICS

DATA ANALYST PLATFORMS
Microsoft, pentaho, alteryx, Digital Reasoning, GUAVUS, AYASDI, MATTIVIO, Datameer, Quid, ClearStory, OrigamiLogic, inter.ana, Bottlenose, ARIMO, ENDOR, MODE

DATA SCIENCE PLATFORMS
IBM, KNIME, dataiku, DOMINO, yhat, CONTINUUM ANALYTICS, rapidminer, Alpine, ALGORITHMIA, Angoss

BI PLATFORMS
Microsoft, amazon web services, DOMO, Qlik, looker, Wave Analytics, ARCADIA DATA, atscale, CHARTIO, GoodData, SISENSE

VISUALIZATION
tableau, SAP, Google Cloud Platform, celonis, MAPD, Periscope, ZEPL, plotly, ZOOMDATA

VERTICAL ANALYTICS
PREDIX, C3 IoT, CAPE, UPTAKE, Orbital Insight, TACHYUS, Alluvium, datorama

STATISTICAL COMPUTING
SAS, SPSS, MATLAB

DATA SERVICES
Palantir, Mu Sigma, DATASCIENCE, OPERA, DATA SCIENCE, kaggle, Fractal, EXL, DataKind, FF

MACHINE LEARNING
Azure Machine Learning, Google Cloud Platform, H2O.ai, DataRobot, context relevant, ViSENZE, bonsai, DATARPM, deepsense.io, nutonian

HORIZONTAL AI
IBM Watson, Cortana, Face++, sentient, Voyager Labs, vicarious, clarifai, CognitiveScale, Numenta, Chronocam, cortical.io, nara, OSARO, PETUUM, The CURIOUS AI COMPANY, BLUE VISION LABORATORIES

SPEECH & NLP
Google Cloud Platform, twilio, amazon alexa, NarrativeScience, semanticmachines, Wolfram Alpha, Mindfield, ARRIA, iDIBON, NUANCE, maluuba, TalkIQ, snips, Gridspace, yseop, SoundHound Inc.

SEARCH
Autonomy, elastic, EXALEAD, ORACLE ENDECA, ThoughtSpot, Algolia, Lucidworks, swiftype, MAANA, alphasense, Searchink, SINEQUA

LOG ANALYTICS
splunk, sumologic, loggly, kibana, logz.io

SOCIAL ANALYTICS
Hootsuite, sprinklr, NETBASE, DATASIFT, tracx, synthesio, simplereach, bitly, predata

WEB / MOBILE / COMMERCE ANALYTICS
Google Analytics, mixpanel, AMPLITUDE, sumall, Airtable, retention, SIGOPT, granify, custora

APPLICATIONS – ENTERPRISE

SALES
einstein, CHORUS, INSIDESALES.COM, conversica, clari, AVISO, TACT, fusemachines, TROOPS

MARKETING - B2B
RADIUS, App Annie, EVERSTRING, Lattice, infer, MINTIGO, Reflektion, 6sense, tubular, DataFox, ENGAGIO

MARKETING - B2C
Zeta, bloomreach, blue yonder, ACTIONIQ, kahuna, BLUECORE, SAILTHRU, QUANTIFIND, mparticle, Amplero

CUSTOMER SERVICE
MEDALLIA, zendesk, CLARABRIDGE, Gainsight, CLICKFOX, DigitalGenius, appuri, AUTOMAT, msg.ai, frame.ai, INTERCOM

HUMAN CAPITAL
Hire-Vue, entelo, hiQ, GIGSTER, textio, Restless Bandit, Wade&Wendy, Clustree, Stella, pymetrics

LEGAL
RAVEL, Seal, Everlaw, JUDICATA, Brevia, ROSS, casetext

FINANCE
anaplan, zuora, tidemark, ORACLE, SAP S/4HANA, TRADESHIFT

ENTERPRISE PRODUCTIVITY
slack, facebook, X., lumiata, diffbot, Clara, talla, butter.ai, KASIST

BACK OFFICE AUTOMATION
HyperScience, Captricity, AppZen

SECURITY
TANIUM, CYLANCE, illumio, StackPath, DARKTRACE, ThreatMetrix, DataGravity, VECTRA, Guardian Analytics, cyberreason, ANOMALI, sift science, SIGNIFYD, CipherCloud, SecurityScorecard, SentinelOne, BlueTalon, Recorded Future, feedzai, SOCURE, AREA 1, FORTSCALE, Kaybus, sqrrl, sparkcognition

APPLICATIONS – INDUSTRY

ADVERTISING
AppNexus, MediaMath, criteo, xAd, Integral Ad Science, rocketfuel, theTradeDesk, OpenX, MOAT, dstillery, LiveIntent, drawbridge, gumgum, databerries, TAPAD, Data.xu, Yieldmo, appier, DYNAMIC YIELD, gradescope

EDUCATION
Knewton, Clever, declara, kidaptive, PANORAMA, knowre

GOVERNMENT
Socrata, OPENGOV, mark43, FiscalNote, OpenDataSoft

FINANCE - LENDING
OnDeck, Affirm, Kreditech, AVANT, zest finance, INSIKT, TALA, TrueAccord, MoneyLion, cignifi, aire, Active.AI

FINANCE - INVESTING
Dataminr, KENSHO, Quantopian, iSENTIUM, claritynoney, ALGORIZ, AIDYIA, RavenPack

REAL ESTATE
Opendoor, VTS, CREDIFI, reonomy, COMPSTAK

INSURANCE
metromile, Lemonade, CYENCE, Shift Technology, Tractable

HEALTHCARE
FLATIRON, KYRUUS, HealthTap, Ginger.io, Glow, COTA, AiCure, zebra, imagia, Lark Health, freenome

LIFE SCIENCES
23andMe, color, iCarbonX, METABIOTA, zymergen, BenevolentAI, PATHWAY GENOMICS, ZEPHYR HEALTH, Clear Labs, Citrine, twoXAR, Phosphorus, Atomwise, deep genomics

TRANSPORTATION
UBER, ZMX, nuTonomy, TESLA, CLEARPATH, nauto, drive.ai, pilot.ai, OPTIMUS, Qventus, nexar, comma.ai, Civil Maps, OTTO, mavrx, netradyne, NIO

AGRICULTURE
FARMERS BUSINESS NETWORK, instacart, FarmersEdge, FarmLogs, BLUE RIVER, TerrAvion, HowGood, prospera

COMMERCE
eHarmony, stem, rethink robotics, hopper, BOXEVER, celect, VERDIGRIS, Unbabel, duetto, Jukedeck, Second Spectrum

OTHER

CROSS-INFRASTRUCTURE/ANALYTICS
amazon web services, Google Cloud Platform, Microsoft, IBM, SAP, Hewlett Packard Enterprise, SAS, 1010data, vmware, TIBCO, Teradata, ORACLE, NetApp

OPEN SOURCE

FRAMEWORK
Hadoop, HDFS, MapReduce, Flink, YARN, TEZ, MESOS, Spark, CDAP

QUERY / DATA FLOW
Spark SQL, presto, Hive, SLAMDATA, APACHE DRILL, Google Cloud Dataflow

DATA ACCESS
cassandra, nifi, mongoDB, CouchDB, SciDB, riak, OpenTSDB, HBASE, Spanner, accumulo

COORDINATION
talend, Apache Zookeeper, Apache Ambari

STREAMING
Spark, APEX, Flink, beam, kafka, druid, STORM

STAT TOOLS
python, R, ScalaLab, NumPy, SciPy

AI / MACHINE LEARNING / DEEP LEARNING
TensorFlow, theano, Caffe, torch, MADlib, CNTK, DMTK, Keras, PaddlePaddle, Apache SINGA, OpenAI, learn, neon, FeatureFu, mxnet, VELES, WEKA, Chainer, DIMSUM, DSSTNE, mllib, DL4J, mahout, Aerosolve

SEARCH
elasticsearch, Solr, Lucene

LOG ANALYSIS
elasticsearch, kibana, logstash

VISUALIZATION
BEAKER, Rodeo

COLLABORATION
jupyter, Zeppelin, ANACONDA

SECURITY
Apache Ranger, KNOX, Sentry

DATA SOURCES & APIS

HEALTH
JAWBONE, VALIDIC, practice fusion, fitbit, GARMIN, Human API, kinsa

IOT
GE, GE Digital, UPTAKE, ThingWorx, helium, samsara, AUGURY, estimote

FINANCIAL & ECONOMIC DATA
Bloomberg, THOMSON REUTERS, DOW JONES, S&P CAPITAL IQ, CB INSIGHTS, xignite, quandl, YODLEE, PREMISE, estimize, SECOND MEASURE, Eagle Alpha, StockTwits, PLAID, Thinknum, mattermark

AIR / SPACE / SEA
PLANET LABS, Airware, spire, SKYCATCH, AIROBOTICS, Descartes Labs, UNDERSTORY, TELLUSLABS, WINDWARD, DroneDeploy, MarineTraffic

PEOPLE / ENTITIES
acxiom, Experian, EPSILON, InsideView, Crimson Hexagon, quantcast, BASIS TECHNOLOGY, SAFEGRAPH

LOCATION INTELLIGENCE
FOURSQUARE, MapAnything, Sense360, PlaceIQ, esri, factual, CARTO, Mapillary, STREETLINE

OTHER
qualtrics, DATA.GOV, data.world, panjiva, enigma

DATA RESOURCES

INCUBATORS & SCHOOLS
PLURALSIGHT, GA, galvanize, DataCamp, DataElite, INSIGHT, The Data Incubator, METIS

RESEARCH
facebook research, MIRI, OpenAI, DFKI, CSAIL, ALLEN INSTITUTE for Artificial Intelligence