DataOps Vendor Landscape

DataKitchen

CAPABILITIES REQUIRED FOR A SUCCESSFUL DATAOPS PROGRAM

PRODUCTION DATAOPS

DEVELOPMENT DATAOPS

MEASUREMENT DATAOPS

TESTING & DATA OBSERVABILITY

Ability to monitor data in production as well as validate new analytics before deployment.

DataKitchen

QuerySurge

RightData

PRODUCTION MONITORING ONLY

iCEDQ

SODA

OwlDQ

Naveego

MONTE CARLO

FirstEigen

TΣLM AI

great_expectations

Bigeye

Databand

acceldata

Qualdo™

DEVELOPMENT TESTING ONLY

Tricentis

APM *(Application Performance Monitoring)*

unravel

META-ORCHESTRATION

Ability to orchestrate complex pipelines, toolchains and tests across teams, locations, and data centers.

DataKitchen

SIMPLE ORCHESTRATION TOOLS

Apache Airflow

OOZIE

bmc Control-M

composable

DAGSTER

ASTRONOMER

Piperr™

Saagie

PREFECT

GENIE

Amazon Glue

Shipyard

SNOWFLAKE ONLY

Dataops

SANDBOX CREATION & MANAGEMENT

On-demand provisioning of complete, aligned, self-service data analytics environments.

DataKitchen

LENTIQ

DEVOPS INFRASTRUCTURE TOOLS

puppet

ANSIBLE

Terraform

SNOWFLAKE ONLY

Dataops

CONTINUOUS DEPLOYMENT

Ability to move analytics quickly and seamlessly between development, test, and production environments.

DataKitchen

Amaterasu

DEVOPS DEPLOYMENT TOOLS

Jenkins

Azure DevOps

AWS CodeDeploy

AWS CodePipeline

Google Cloud Build

LOOKER ONLY

Spectacles

COLLABORATION & CODE REPOSITORY

A single view of the entire analytic system. Ability to save and share reusable analytic components.

DataKitchen

Bitbucket

git

AWS CodeCommit

GitHub

Azure Repos

PROCESS ANALYTICS

A unified, system-wide view of process metrics using a common data store.

DataKitchen

ADDITIONAL -OPS CAPABILITIES

MODELOPS

Automation of model development and deployment workflows.

DataKitchen

DOMINO

hydrosphere

ModelOp

DataRobot

SELDON

METIS MACHINE

D2IQ

datatron

datmo

mlflow

studio.ml

DVC

comet

polyaxon

Kubeflow

Verta

CD.FOUNDATION

modzy

Pachyderm

Quilt

omega | ml

DATASECOPS/ DATAGOVOPS

Automation of data governance and security activities so that they execute in tandem with development and deployment activities.

baffle

DASERA

DELPHIX

GenRocket

exate

VARADA

SYMMETRY SYSTEMS

satori

OPEN RAVEN

EXAMPLES OF DATA & ANALYTIC TOOLCHAIN VENDORS (DATAOPS ORCHESTRATES THESE TOOLS)

ACCESS

amazon REDSHIFT

ORACLE

MySQL

snowflake

TRANSFORM

Fivetran

MATILLION

Informatica

talend

MODEL

databricks

jupyter

erwin

SAS

VISUALIZE

DOMO

Power BI

looker

+ableau

GOVERN

Alation

data.world

collibra

IMMUTA

DATA & ANALYTIC TOOLCHAIN VENDORS WITH A DATAOPS MESSAGE

atlan

IBM

Hitachi Vantara

LENSES

Nexla

Qlik

RIVERY

SentryOne

StreamSets

Tamr

zaloni

Revised 9/22/21