

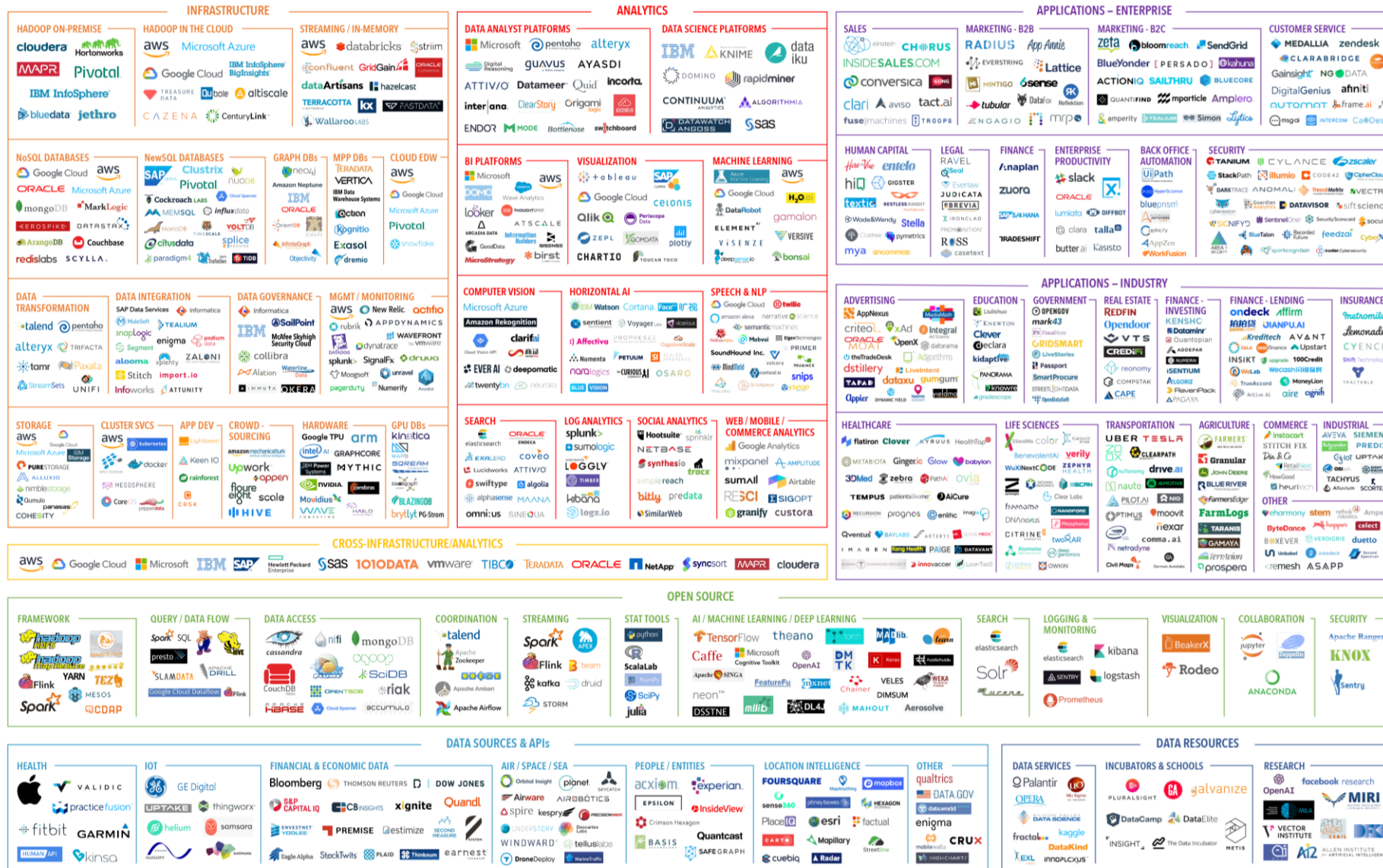
# 04 – The Big Data Landscape

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# Big Data Landscape in 2018

Source: <https://mattturck.com/bigdata2018/>



# Recent news

- Jan 2019 : Cloudera and HortonWorks complete its merger
- Jun 2019 : Google Cloud acquires Looker
- Aug 2019 : HPE acquires MapR after financial difficulties
- Aug 2019 : Salesforce.com acquired Tableau

# Not just an Open Source Project!

A lot of company appeared (and disappeared) in the Big Data landscape over the last decade

- Some vendors « OEM » open-sources
  - Hortonworks, Cloudera & MapR
- Or partner with other vendors
  - Microsoft with Hortonworks
  - Oracle with Cloudera...
- Or gave up their solution to acquire or partner
  - SAP with Altiscale
  - IBM BigInsights was dropped for Hortonworks

# And the Cloud?

The new Heaven for Big Data

- Virtually unlimited storage and compute capabilities
- Initial price is low (but can get expensive if not controlled)
- Commodity hardware is still OPEX (vs CAPEX)
- Need to manage the “landscape” (hardware & software)
- IaaS, PaaS, SaaS: there are offers/solutions for each

# Summary

- The Big Data landscape is huge!
- A consolidation phase is taking place
- The Cloud is a clear enabler to Big Data adoption
- IaaS, PaaS, SaaS: it's up to you to choose