

Cloud Computing:

**An Important Big Data
Enabler**

After this video you will be able to..

- Make the case for the business value of Cloud Computing
- Express how the elasticity of Cloud Computing provides value for dynamic businesses

Cloud Computing



*Data Science →
#1 Catalyst for
economic growth!*
-McKinsey

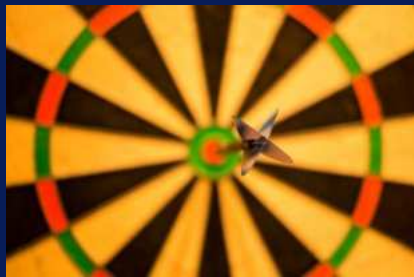
**Computing
anywhere and anytime**



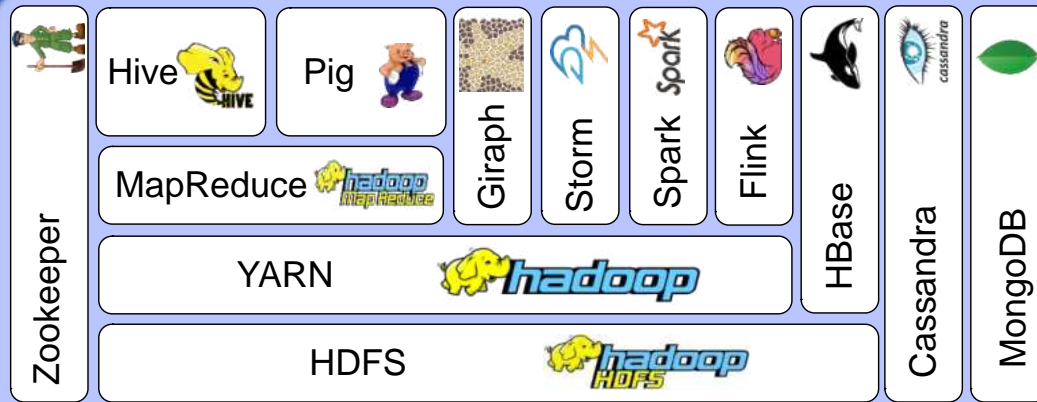
**Computing
anywhere and anytime**



**On-Demand
Computing**



Cloud → Keep focus on solving your problem



**Cloud =
IT infrastructure &
Applications on Rent
over the Internet**

Cloud =
IT infrastructure &
Applications on **Rent**
over the Internet



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over the Internet





**BUILD
RESOURCES**



CLOUD



BUILD
RESOURCES

BUILDING HARDWARE → MORE WORK

STORAGE



NETWORKING

PROCESSORS

UPGRADES


BUILD
RESOURCES



Hardware estimation is hard

Over
Estimation

Under
Estimation

BUILD
RESOURCES





Software Stacks are complex

LATEST

COMPATIBLE

INSTALLATION

BUILD
RESOURCES



HARDWARE
ISSUES



SOFTWARE
ISSUES



CHALLENGES



BUILD
RESOURCES

High Capital Investments

MAINTAINANCE

PROCUREMENT



DISPOSAL

QUALITY
CONTROL


BUILD
RESOURCES



CLOUD



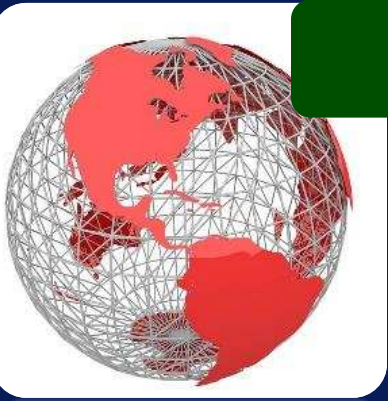
PAY AS YOU GO



QUICK IMPLEMENTATION

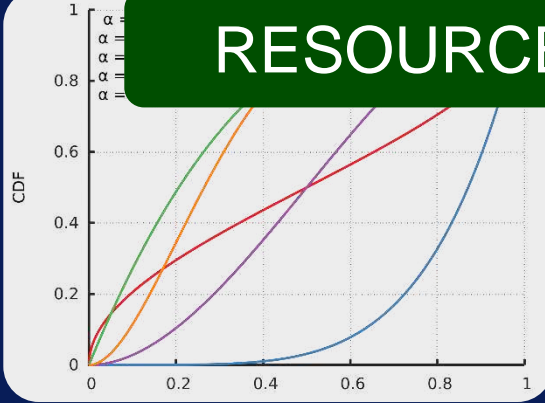


CLOUD



DEPLOY CLOSER TO YOUR CLIENT

RESOURCE ESTIMATION SOLVED



CLOUD

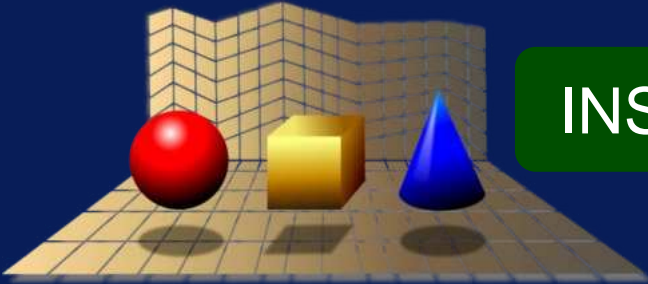


WORK ON YOUR DOMAIN EXPERTISE

CPU

GPU...

INSTANTLY GET DIFFERENT RESOURCES



CLOUD

DESIGN YOUR OWN COMPUTING PLATFORM

CPU



MEMORY



DISK...



BUFFET



CLOUD

Cloud Computing Providers



Your
Team

Focus on domain
expertise



Excellent value
proposition

Cloud

Scalability



Resource Management