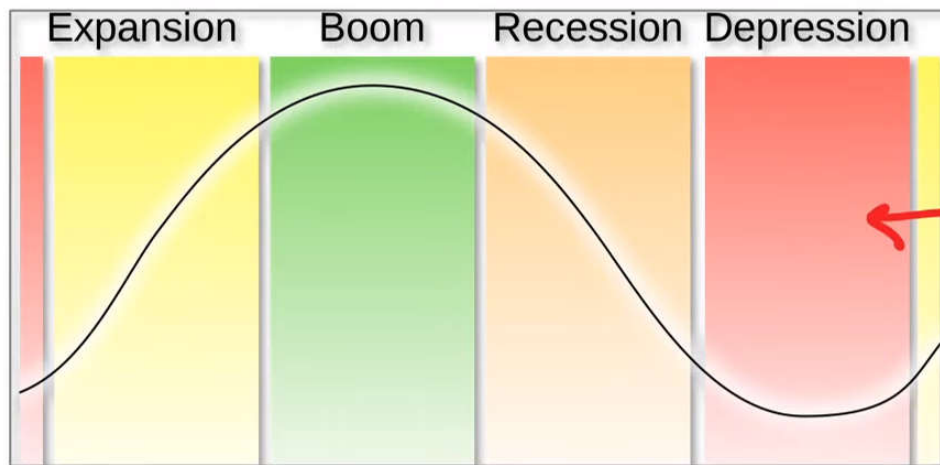


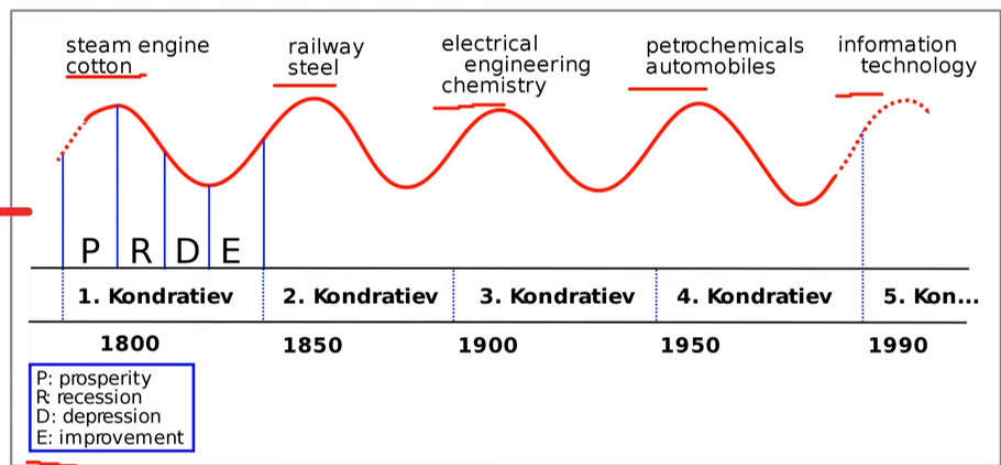
# Innovation Waves

Cheat sheets, Practice Exams and Flash cards [www.exampro.co/clf-c01](http://www.exampro.co/clf-c01)

**Kondratiev waves** (aka Innovation Waves or K-Waves) are hypothesized cycle-like phenomena in the global world economy. The phenomenon is closely connected with Technology life cycles.



A common pattern of a wave  
change of **supply** and **demand**



Each wave irreversibly changes the  
society on a global scale.

The latest wave is **Cloud Technology**

# Burning Platform

Cheat sheets, Practice Exams and Flash cards 📄 [www.exampro.co/clf-c01](http://www.exampro.co/clf-c01)

**Burning platform** is a term used **when a company abandons old technology for new technology** with the uncertainty of success and can be motivated by fear that the organization future survival hinges on its **digital transformation**



# Evolution of Computing Power

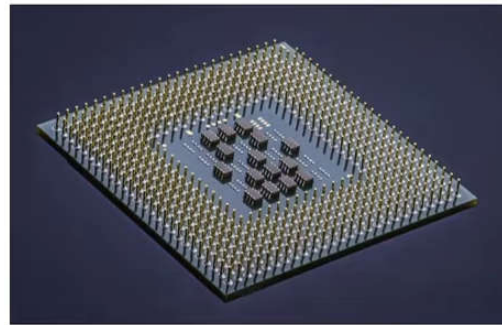
Cheat sheets, Practice Exams and Flash cards  [www.exampor.co/clf-c01](http://www.exampor.co/clf-c01)

## What is Computing Power?

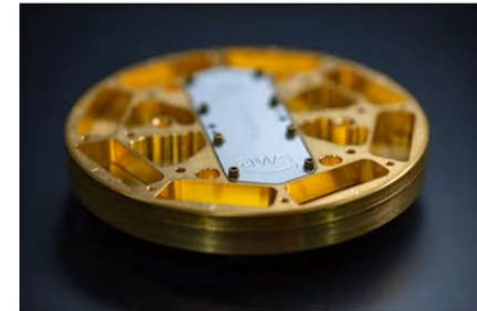
The throughput measured at which a computer can complete a computational task.



**General Computing**  
Xeon CPU Processor



**GPU Computing**  
\*50x faster than traditional CPUs



**Quantum Computing**

- D-Wave 2000Q
- **Rigetti 16Q Aspen-4**
- IonQ linear ion trap
- 100 Million times faster

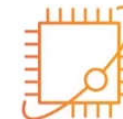
-- AWS Service Offering --



Elastic Compute Cloud EC2



AWS Inferentia (Inf1)



AWS Bracket  
Via CalTech

