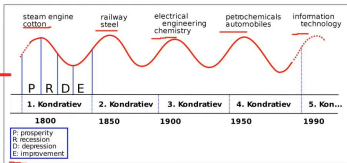
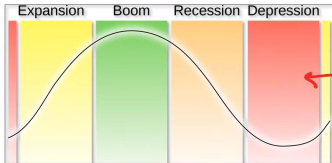


Innovation Waves

Cheat sheets, Practice Exams and Flash cards www.exampuro.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.examprompro.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

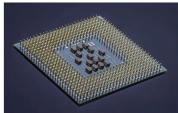
Cheat sheets, Practice Exams and Flash cards www.exampro.co/clf-c01

What is Computing Power?

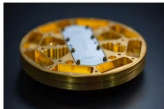
The throughput measured at which a computer can complete a computational task.



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 Braket

Via CalTech

