What Is Cloud Computing:

- It is a on-demand delivery of computing power, database storage, applications, and other IT resources
- It has a pay-as-you-go pricing
- Access resources instantly
- Get the resources you need using AWS

The Five Characteristics of Cloud Computing:

- On demand self service
- Broad network access
- Resource pooling
- Rapid elasticity and scalability
- Measured service

Six Advantages of Cloud Computing:

- CAPEX -> OPEX (Essentially pay on demand instead of buying hardware)
- Benefit from massively scaling economies
- Measured
- Increased spread and agility
- No money spent hiring to maintain servers
- Can go global in minutes

Problems Solved By Cloud Computing:

- Flexibility
- Cost-Effectiveness
- Scalability
- Elasticity
- High-Availability
- Agility