

# Cloud Computing

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Subject: Cloud computing

Topic: Developing web applications in cloud environment

Teaching methodology: Discussion Forum

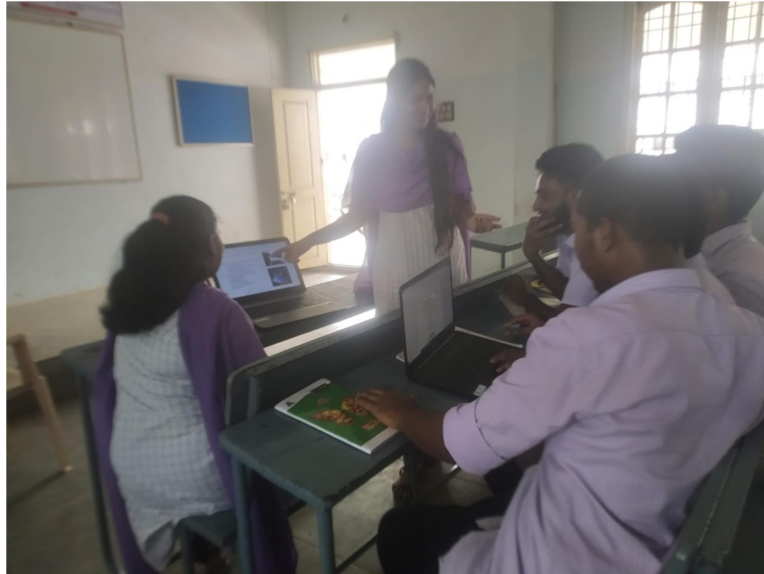


Fig.1. Cloud computing scenario



Fig.2 Example

## Before Cloud

- If you wanted to start an enterprise, you needed an IT shop
- Massive costs in hardware, software, power, administrative staff
- Prohibitive cost to entry

## What is cloud computing?

- Cloud computing is the on-demand delivery of IT resources over the Internet with pay-as-you-go pricing.
- Instead of buying, owning, and maintaining physical data centers and servers, you can access technology services, such as:-
  - computing power
  - Storage
  - databases, on an as-needed basis from a cloud provider like Amazon Web Services (AWS).

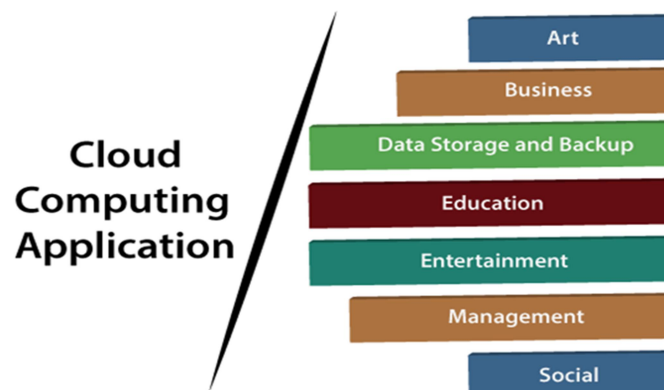


Fig.3. Application

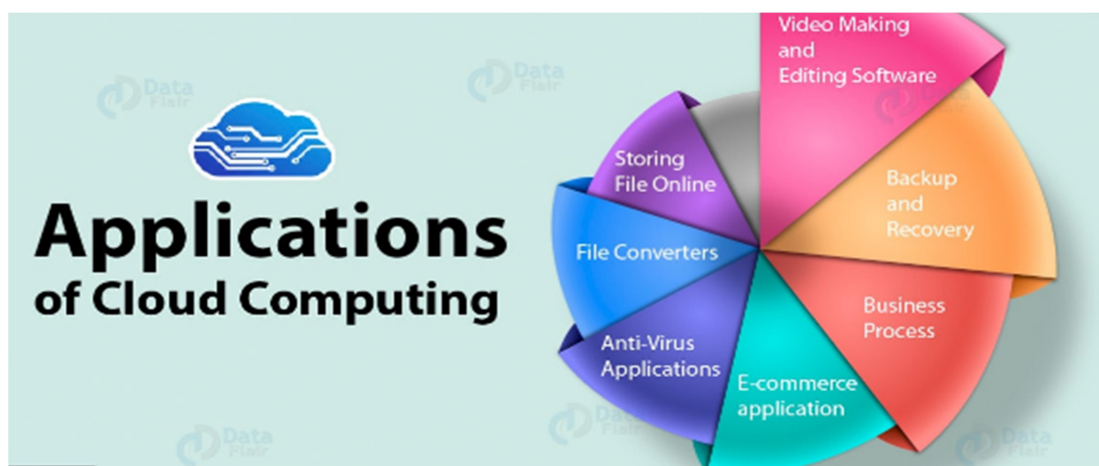


Fig.4.Applications