

# **Cloud Computing**

## **27 February 2024**

### What's Cloud Computing?

Cloud computing provides on-demand access to computing resources like servers, storage, and applications over the internet. Users can access these resources without needing to own or manage physical infrastructure, instead, they pay for what they use on a subscription basis. It offers scalability, flexibility, and cost-effectiveness, making it a popular choice for businesses and individuals alike.



#### **Importance of Cloud Computing**

#### **Operating in Cloud**

Evolution of IT Sector	Rapid Innovation
Impact of Artificial Intelligence	Empowering Business to Adapt
Changing Roles & Responsibilities	Optimize IT Operations

#### **Enterprise Resource Planning (ERP)**

Software that manages various day-to-day business processes into a single platform. Application examples include Microsoft Dynamics, Oracle, and SAP. ERPs could be used for processes like inventory and order management, procurement, chain management, project management, and much more.

#### **Benefits of Cloud Migration**

The migration of these process modules to the cloud can have many benefits to a business:

- Global Resource Availability at 99%
- Location, Size, and Industry are Irrelevant
- Ease of Access of Cloud Services via the Internet
- Freedom to Experiment Virtual Sandbox for Testing
- Data Center Access Enables Exponential Growth for Start-ups

#### **Cloud Certifications**

