Basics Concepts about Microsoft Azure

What is Azure?

Azure is a cloud computing platform and service offered by Microsoft globally

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Computing, Networking, Security, IOT, AIML, DevOps. Storage

- It Helps businesses build, deploy, and manage applications in the cloud without needing to maintain physical infrastructure
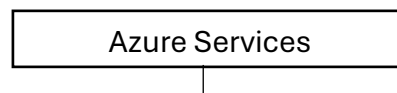
What is Cloud Computing?

Cloud Computing provides services like servers, storage, database, networking, and software over the internet

- Also reducing the need of physical infrastructure

Different Types of Azure Services?

Microsoft Azure provides different types of services like Iaas, Paas, Saas

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│      Azure Services     │
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- **Infrastructure as a Service (Iaas)** – Provide Virtual Machine as a service
- **Platform as a service (Paas)** – Provide platform, managing hosting and developed environment as a platform
- **Software as a Services(Saas) –** Provide software application on cloud platform as a services.

Virtual Machines?

Microsoft Azure provide full control over operating systems and applications.

Azure App Service?

A Managed platform for hosting web apps, APIs, and mobile apps without managing infrastructure.

Azure Functions?

Azure Function is even driven, by serverless compute services.

What is an Azure CLI, PowerShell, or Portal?

Azure CLI – Command Line tool for scripting

PowerShell – Scripting with Microsoft Centric cmdlets

Portal – GUI for Manual Management