

ARTIFICIAL INTELLIGENCE and APIs

Presentation

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1

ARTIFICIAL INTELLIGENCE

- WHAT IS AI
- KEY CONCEPTS OF AI
- TYPES OF AI
- APPLICATIONS IN VARIOUS INDUSTRIES



2

APIs?

- WHAT ARE APIs
- KEY CONCEPTS
- TYPES OF APIs
- HOW APIs WORK





2

Intro to AI as a Service

AI as a Service (AlaaS) refers to cloud-based platforms that provide AI tools and capabilities to developers and businesses. These services allow users to incorporate AI functionalities into their applications without needing to build and maintain complex AI models themselves.



2

Popular AI Service Providers

- Popular AI Service Providers
 - Google AI
 - Microsoft Azure AI
- Benefits of Using AI Services via API
 - Cost-Effective
 - Ease to Use
 - Scalability



3

Intro to Cloud Computing

Cloud computing delivers computing services—including servers, storage, databases, networking, software, and analytics—over the internet.

Cloud computing enables on-demand access to these services, allowing businesses to scale resources as needed without investing in physical infrastructure.

Intro to Cloud Computing

- IaaS (Infrastructure as a Service)
- PaaS (Platform as a Service)
- SaaS (Software as a Service)



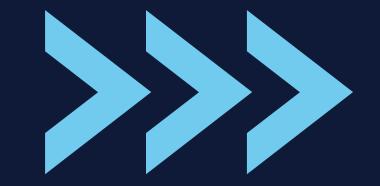
Difference Between On-Premise and Cloud-Based AI

On-Premise

- Infrastructure: Requires businesses to invest in their own hardware and software.
- Control: Offers complete control over data and processes but requires significant maintenance.
- Customization: Highly customizable but requires a dedicated team to manage and develop AI models.

Cloud-Based AI

- Infrastructure: Hosted and managed by cloud providers, reducing the need for in-house infrastructure.
- Flexibility: Easy to scale and update, with access to the latest AI tools.
- Cost: Operates on a pay-as-you-go model, making it more accessible for businesses of all sizes.



Thank you!

Project showcase

