BOOTCAMP ARQUITECTURA EN LA NUBE

EXPLORADOR - Módulo 1

INGLÉS

Contextualización de mis aprendizajes

In today's rapidly evolving technological landscape, understanding trends in cloud architecture is paramount for any individual or organization engaged in the field of IT or software development. Cloud architecture serves as the backbone for a myriad of services and applications, ranging from data storage and processing to hosting web applications and providing scalable infrastructure for businesses. By delving into the latest trends in cloud architecture, learners can gain insights into emerging technologies such as serverless computing, microservices architecture, and multi-cloud environments. These trends not only shape the way applications are developed and deployed but also influence strategic decision-making regarding resource allocation, security measures, and scalability options. Moreover, a comprehensive understanding of cloud architecture trends equips learners with the knowledge and skills needed to navigate the complexities of modern IT ecosystems, enabling them to design robust, efficient, and resilient cloud-based solutions that meet the evolving needs of businesses and end-users alike.

Objetivo general

UNIDAD 6

- Provide learners with a comprehensive understanding of the latest developments and emerging technologies in cloud architecture.
- Equip participants with the skills and expertise needed to analyze, implement, and optimize cloud-based solutions.

Competencias a desarrollar

- **Linguistic competence:** Mastery of technical vocabulary related to cloud computing, including terms such as virtualization, scalability, containerization, microservices, and DevOps. Ability to comprehend and interpret complex technical documents, research papers, and industry reports discussing trends, innovations, and best practices in cloud architecture. Proficiency in articulating concepts, ideas, and solutions related to cloud architecture through written communication, such as reports, documentation, and proposals.
- **Pragmatic competence:** Understanding the context-specific usage of cloud computing terminology and concepts in various scenarios, such as discussions, presentations, and project meetings. Ability to apply appropriate language and communication strategies when collaborating with multidisciplinary teams, stakeholders, and clients to design and implement cloud solutions. Skill in adapting communication styles and approaches based on audience needs, technical expertise, and organizational culture to effectively convey complex cloud architecture concepts.

Competencias a desarrollar

- **Sociolinguistic Competence:** Awareness of the socio-professional norms, standards, and conventions prevalent in the field of cloud computing, including industry-specific jargon, formalities, and etiquette. Competence in navigating professional networks, forums, and communities related to cloud architecture to exchange ideas, seek advice, and stay updated on industry trends and practices. Ability to engage in discussions and debates about ethical, legal, and social implications of cloud technologies, considering factors such as data privacy, security, accessibility, and sustainability.

Activación de saberes previos

PLANTEAMIENTO DE LA SESIÓN	MATERIALES
1 Explain the technology idiom of the day. Before the reading activity, explain what reading in context is. Pre.reading: Socialize key vocabulary about cloud architecture. Reading: "A cloud professional's cloud predictions for 2024". Answer the multiple-choice questions. True/False questions. **2** Pre-video: socialize vocabulary about the video "The 10 Biggest Cloud Computing Trends In 2024" Video: "The 10 Biggest Cloud Computing Trends In 2024" True and false activity based on the previous reading.	• Reading: "A cloud professional's cloud predictions for 2024". • Video: "The 10 Biggest Cloud Computing Trends In 2024"

Activación de saberes previos

PLANTEAMIENTO DE LA SESIÓN	MATERIALES
3 Socialize vocabulary about the reading "6 Cloud Architecture Best Practices To Follow in 2024" Reading: "6 Cloud Architecture Best Practices To Follow in 2024" Fill - in the gap activity about the reading "	• Reading: "6 Cloud Architecture Best Practices To Follow in 2024"