COLOMBIA POTENCIA DE LA VIDA

TIC

BOOTCAMP ARQUITECTURA EN LA NUBE

EXPLORADOR - Módulo 1

TALENTO TECH

AZ | PROYECTOS EDUCATIVOS

UTP Universidad Tecnológica de Pereira

Contextualización de mis aprendizajes

Cloud Architecture Patterns involves understanding the various principles and best practices that govern the design and deployment of cloud-based solutions. Cloud architecture patterns provide a set of proven approaches for addressing common challenges in the cloud environment, such as scalability, reliability, and security. By delving into this field, individuals can grasp the intricacies of structuring cloud applications to optimize performance and cost efficiency. This encompasses knowledge of different patterns, including microservices architecture, serverless computing, and data management patterns. Learning contextualization emphasizes hands-on experience in implementing these patterns within cloud platforms like AWS, Azure, or Google Cloud, enabling practitioners to make informed decisions about architecture design based on specific use cases. As cloud computing continues to evolve, a solid understanding of contextualizing cloud architecture patterns becomes crucial for architects, developers, and IT professionals aiming to leverage the full potential of cloud technologies.

Objetivo general

UNIDAD 4	
• Develop a comprehensive understanding of Cloud Architecture Patterns by exploring fundamental concepts and vocabulary.	
Competencias a desarrollar	
• Linguistic competence.	**Linguistic Competence:** This module focuses on building language proficiency in cloud computing, emphasizing vocabulary, technical concepts, and effective expression of ideas related to cloud architecture patterns. Participants enhance reading and writing skills through materials covering fundamental cloud technology concepts.

Competencias a desarrollar	
• Pragmatic competence. • Sociolinguistic competence.	**Pragmatic Competence:** In this module, pragmatic competence goes beyond linguistic rules to practical language use in cloud computing. Participants learn to apply language appropriately, interpret written content effectively, and communicate concepts like designing change-tolerant software. Pragmatic competence is crucial for accurate communication within the technical domain explored. **Sociolinguistic Competence:** Sociolinguistic competence involves understanding and adapting to the social and cultural aspects of language use in cloud computing. Participants recognize language variations in professional settings, navigate cultural implications in cloud architecture decisions, and communicate effectively with diverse stakeholders. Sociolinguistic competence is essential for informed decision-making in the social complexities of cloud computing.

Activación de saberes previos

Tiempo de ejecución: 4 horas

PLANTEAMIENTO DE LA SESIÓN	MATERIALES
1) Socialize the technology idiom of the day. 2) Word search about Cloud Architecture vocabulary 3) Watch the video: "So You Want To Be A Cloud Architect". 4) Socialize keywords from the reading below "Cloud Architecture Patterns". 5) Reading: "Cloud Architecture Patterns". 6) Matching description activity. 7) Socialize the vocabulary about the reading "What are the most innovative cloud architecture patterns for Cloud Computing?". 8) Reading: "". 9) True/False activity about the previous reading.	Video: "So You Want To Be A Cloud Architect" So You Want To Be A Cloud Architect Reading: "Cloud Architecture Patterns" https://distributedleo.medium.com/cloud-architecture-patterns-3a932a95691b What are the most innovative cloud architecture patterns for Cloud Computing?: https://www.linkedin.com/advice/1/what-most-innovative-cloud-architecture-patterns

COLOMBIA POTENCIA DE LA VIDA

TIC

TALENTO TECH

AZ | PROYECTOS EDUCATIVOS

Universidad Tecnológica de Pereira