Abstract

In this article we will describe the design process for creating a learning plan focused on teaching a technical tool (SQL Server - Analysis Services (SSAS)). We will describe and identify the cognitive processes that usually happen before obtaining a significant learning about computer tools. Based on those processes, the most appropriated methods and environments to facilitate the creation of significant learning will be identified, focusing on defining an appropriated instructional design. To assure we have the most complete vision of all the basic elements which should be considered to obtain the proposed learning objective, we will create a concept map and an analysis of the tasks that should be learned to accomplish all learning objectives.

Keywords

Learning theories, Constructivism, Behaviorism, Cognitivism, Theories of Elaboration, Learning technical tools.