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OLAP stands for Online Analytical Processing The illustration depicted in Figshows a typical journey of data from an operational database, data warehousing and OLAP to data analytics. There exists a sim-ilar need to deploy graph analysis from different perspec-tives and with multiple granularities Carlos Hurtado. Abstract. OLAP data is , · This chapter presents an overview of data warehouse and online analytical processing (OLAP) technology. It is a technology that enables analysts to extract and view business data from different points of view. OLAP is a category of software that allows users to analyze information from multiple database systems at the same time. With data flowing from different and countless sources, exploring data in order to deliver actionable insights has become a daunting OLAP (online analytical processing) is computer processing that enables a user to easily and selectively extract and view data from different points of view. Given the un-derlying data, a cube can be constructed to provide a multi-dimensionaland multi-levelview, which allows for effective analysis of the data from different perspectives and with multiple granularities. At the end of this chapter the reader will be able to: Define the concept of OLAP and the operations it supports. Note: As of Release Version, OLAP is in legacy support and will not be shown inWhat is Online Analytical Processing? OLAP systems support data analysis through a multidimensional data model, according to which data facts are viewed as points in a space of application-related "dimensions", organized into levels which conform to a hierarchy On-Line Analytical Processing. OLAP allows users to analyze database information from multiple database systems at one time. This overview is essential for understanding the overall data mining and knowledge Online Analytical Processing (OLAP) enables you to view and quickly analyze data in order to make critical business isions. Recently, more and more graph or networked data sources come into being. Download book PDF. Paul Beynon-DaviesAccesses. OLAP is more than an acronym that means Online Analytical Processing. pp – Cite this chapter. OLAP is a category of software tools that provides analysis of data stored in a database. Chapter. The key operations in Relate Abstract—OLAP (Online Analytical Processing) is a tried-and-tested technology and a core concept in Business Intelligence. All of the previous chapters focus on the left-hand side, the transformation process from the operational database to the data warehouse, where we discuss in length the step-by-step transformation process of various cases, using extensive case studies OLAP (On-Line Analytical Processing) [9, 5,, 2,] is an important notion in data analysis. With OLAP, analysts, managers, and executives can gain insight into data through fast, consistent, OLAP (On-Line Analytical Processing) is an important notion in data analysis.