On Line Analytical Processing (OLAP) Cube and its Queries

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Abstract: *This paper presents the On Line Analytical Processing (OLAP) Cube and its Queries. OLAP architectures such as ROLAP, MOLAP, HOLAP, DOLAP are presented with their queries. OLAP cube is a specially designed database that is optimized for reporting. The databases designed for online transaction processing are designed for efficiency in data storage. OLAP cubes are designed for efficiency in data retrieval. OLAP cubes categorize data into "dimensions" and "measures".*