

				OLTP VS OLAP	
			Parameters	OLTP- online transaction processing	OLAP-online analytical processing
			Process	It is an online transactional system. It manages database modification.	OLAP is an online analysis and data retrieving process.
			Characteristic	It is characterized by large numbers of short online transactions.	It is characterized by a large volume of data.
			Functionality	OLTP is an online database modifying system.	OLAP is an online database query management system.
			Method	OLTP uses traditional DBMS.	OLAP uses the data warehouse.
			Query	Insert, Update, and Delete information from the database.	Mostly select operations
			Design	DB design is application oriented. Example: Database design changes with industry like Retail, Airline, Banking, etc.	DB design is subject oriented. Example: Database design changes with subjects like sales, marketing, purchasing, etc.
			User type	It is used by Data critical users like clerk, DBA & Data Base professionals.	Used by Data knowledge users like workers, managers, and CEO.
			Purpose	Designed for real time business operations.	Designed for analysis of business measures by category and attributes.
			Challenge	Data Warehouses historically have been a development project which may prove costly to build.	An OLAP cube is not an open SQL server data warehouse. Therefore, technical knowledge and experience is essential to manage the OLAP server.
			Style	OLTP is designed to have fast response time, low data redundancy and is normalized.	A data warehouse is created uniquely so that it can integrate different data sources for building a consolidated database