✿ Hybrid OLAP

It is a combination of both MOLAP and ROLAP. In this architecture a cubical technology implements for faster performance in data warehousing. This technology collects all the details information by drill into cube under ROLAP database. The summary of data return by using query which involve with ROLAP data. In order to OLAP, this tool today most popularly used in web technology. A web technology depends upon data and accessibility across the world with high performance.

➡ These are yhe following features of HOLAP:-

1. It access data very fast at any level into existing MOLAP cube.
2. The maintenance of data is easier than MOLAP.
3. It is compact for aggregate data storage and economically minimize disc space.
4. The dynamic updation of data at real time into multi dimensional array with rapid changes in structure.
5. This architecture also allow to create multi dimensional view for metadata ROLAP.
6. By applying this technology, the cubical data available in virtual data view which automatically generate aggregate compact data for the data representation.

➡ Disadvantages of HOLAP

This architecture is combination of both MOLAP and ROLAP engines so give us large number of benefits but with following disadvantage:-
1. The implementation of HOLAP server is most complex due to the combination of MOLAP and ROLAP.
2. It is expensive because it requires high bandwidth networking components and a large data storage disc.
3. A professional requires to handle HOLAP with high experience and knowledge in both MOLAP and ROLAP.

✿ Specialized OLAP

It is provided by advanced query language and it supports query processing through SQL queries over star and snowflake schemas. This environment is read only environment which process SQL queries over data in read only mode. The SQL server and oracle server database generally choosen to implement specialized OLAP.