Guidelines for OLAP

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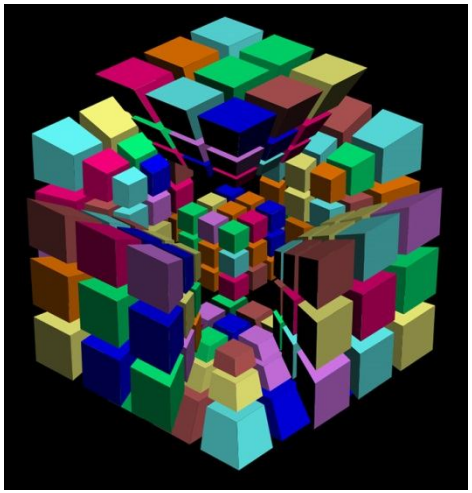
AP-IT

SNSCE

OLAP Guidelines

- Multidimensional conceptual view: The OLAP should provide an appropriate multidimensional Business model that suits the Business problems and Requirements.
- Transparency: The OLAP tool should provide transparency to the input data for the users.
- Accessibility: The OLAP tool should only access the data required only to the analysis needed.
- Consistent reporting performance: The Size of the database should not affect in any way the performance.
- Client/server architecture: The OLAP tool should use the client server architecture to ensure better performance and flexibility.



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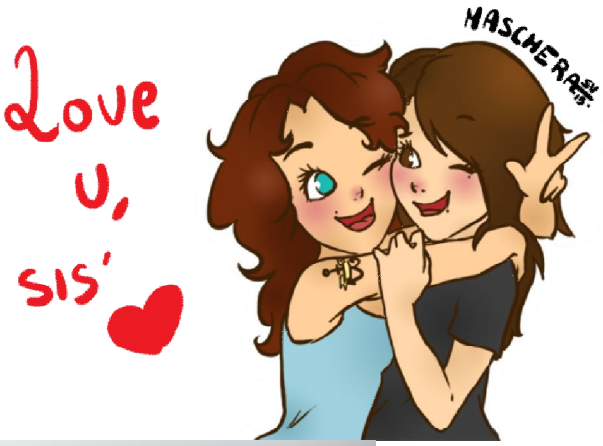
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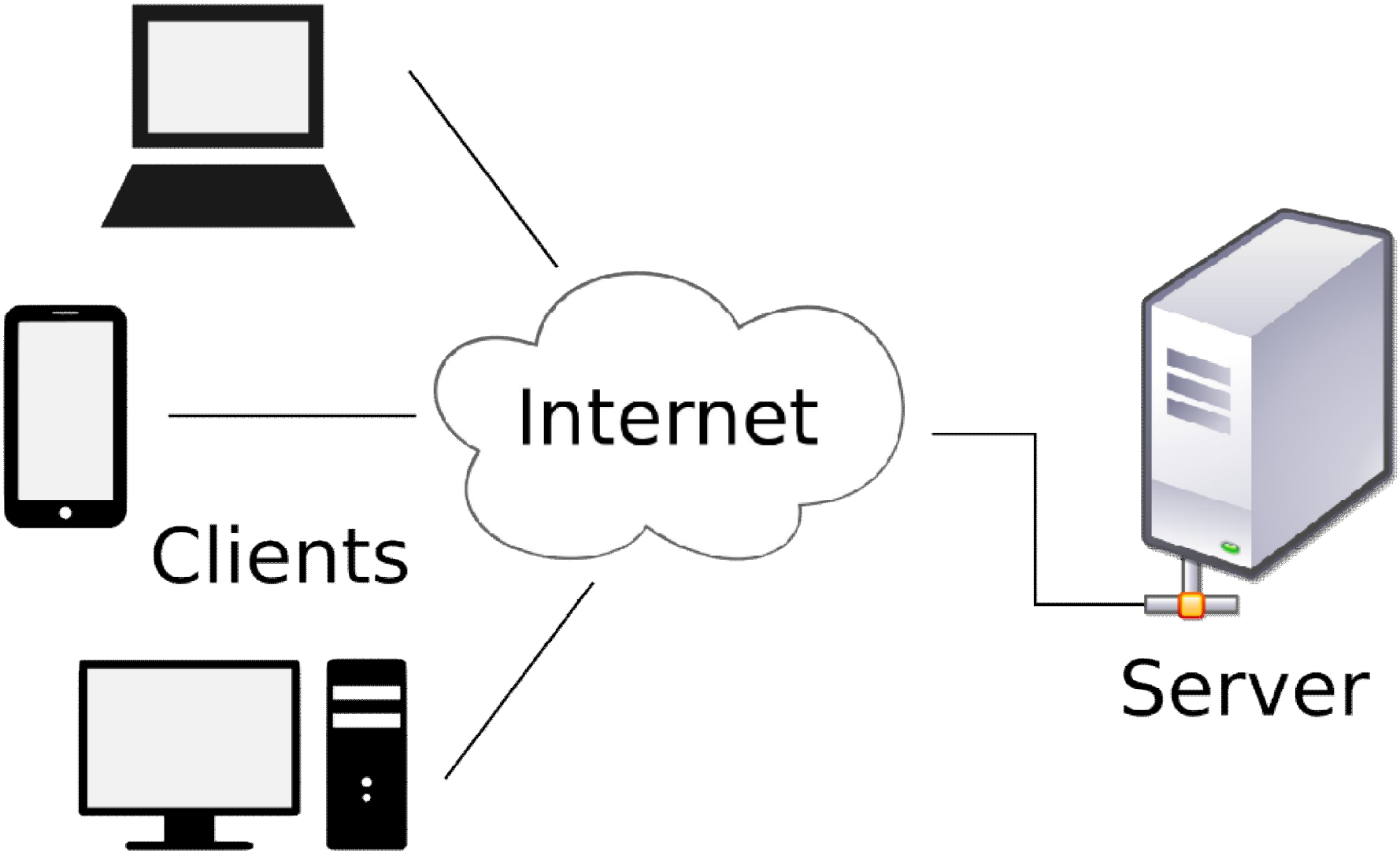
Internet
Clients
Server

OLAP Guidelines

- Generic dimensionality: Data entered should be equivalent to the structure and operation requirements.
- Dynamic sparse matrix handling: The OLAP too should be able to manage the sparse matrix and so maintain the level of performance.
- Multi-user support: The OLAP should allow several users working concurrently to work together.
- Unrestricted cross-dimensional operations: The OLAP tool should be able to perform operations across the dimensions of the cube.

OLAP Guidelines

- Intuitive data manipulation. —Consolidation path re-orientation, drilling down across columns or rows, zooming out, and other manipulation inherent in the consolidation path outlines should be accomplished via direct action upon the cells of the analytical model, and should neither require the use of a menu nor multiple trips across the user interface.
- Flexible reporting: It is the ability of the tool to present the rows and column in a manner suitable to be analyzed.
- Unlimited dimensions and aggregation levels: This depends on the kind of Business, where multiple dimensions and defining hierarchies can be made.