

## **Fundamental Stages of DWH**

by Sudheer Sharma - Monday, December 15, 2008

<http://dwhnotes.com/data-warehousing/fundamental-stages-of-dwh>

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### **Offline Operational Databases**

In this initial stage, simply copying the database of an operational system to an off-line sever where the processing load of reporting doesn't impact on the operational system's performance.

### **Offline Data Warehouse**

In this initial stage, data will be loaded and updated on a regular time cycle ( usually daily, weekly, monthly) from the operational systems and data is stored in an integrated reporting oriented structure.

### **Real-time Data Warehouse**

Data warehouses at this stage are updated on a transaction or event basis, every time on an operational system performs a transaction ( Ex:- An order, A delivery etc.)

### **Integrated Data Warehouse**

DWH at this stage are used to generate activity or transactions that are passed back into the operational systems for use in the daily activity of the organization

### **Active Data Warehouse**

An active data warehouse provides information that enables decision makers within an organization to manage customer relationships quickly, efficiently and proactively

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