



# **Page Level Restore / Recovery**



# What is Page Level Restore / Recovery

- Page restore is a technique used to replace corrupted pages of information in a database with uncorrupted data from a backup.
- The intent of the restore is to fix one or more corrupted pages from the available backups.
- To identify corrupted pages, look for pages marked as “suspect” in the table, msdb syspect\_pages.
- Most of the time, performing a page-level restore suffices for database availability.
- A good backup strategy is a key to recovery or restoration, and SQL Server provides us with an option to fix database pages at a granular level.
- Performing a page level restore in SQL Server is a clever option wherein the restoration of the entire VLDB database backup is not required.
- Identifying the corruption and finding a solution is the key to successful restoration or recovery of the database.
- If the number of corrupted pages seems too large, and if the administrator feels that restoring the entire database from the most recent backup is a viable option, only in that case should the option be full restoration.