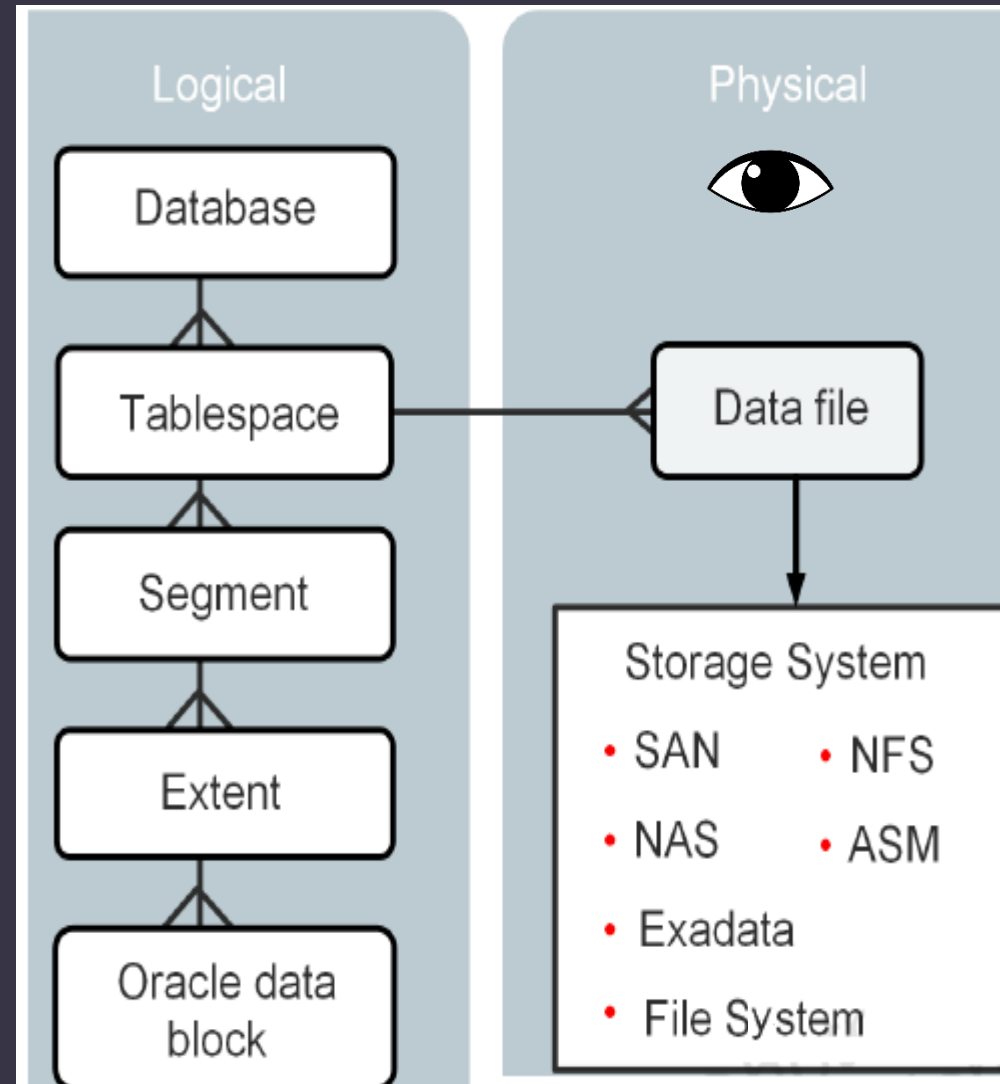# Logical Storage Structure

Tablespaces are logical storage groups
 that can be used
to store logical database constructs,
 such as tables and indexes
Logically it stores the database files

A Segment is a set of Extents,
one or more Extents,
allocated for certain logical structures
 inside the database (ex: table, index)

An Extent is a set of contiguous
Oracle Data Blocks
it is much more efficient,
when allocating space

Oracle data stored in DB blocks
1 Block= 8 K by default
A single Oracle Data Block
contains one or more rows

SAN: Storage area network
NAS: network attached storage
NFS: network file system
ASM: automatic storage
management

Thank You

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