

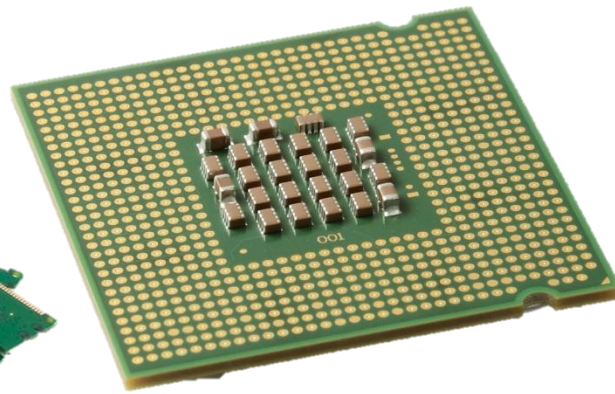
Performance in 60 Seconds - SQL Tricks Everybody MUST Know

Pinal Dave, Evangelist, [Pluralsight.com](https://www.pluralsight.com)

saltmarch
MEDIA

GREAT INDIAN
DEVELOPER
SUMMIT





this is a

database

It uses

SQL Server

SQL Server uses

files to store Data

MDF/NDF

LDF



fundamentals of SQL Server *database*

MDF/NDF

Almost Everything – Tables, Index,
Stored Procedures, Views, Jobs, Triggers,
Logins, Constrains, Security Information,
System Databases

LDF

Rollback information for database
NO Real Data



*(SQL Server 2008+) Use Backup Compression
Configure Instant File Initialization*

Best Practices

*Physically Separate MDF/NDF from LDF
Do not store database in System Partition
Format SAN Luns 64K Clusters
Use RAID 10
Fixed Autogrowth Value
Pre-Size Database Files*

Resources

- Pluralsight.com
- SQLAuthority.com
- <http://bit.ly/sqllearn>

Thank you!