

# Exam 70-462: Administering Microsoft SQL Server 2012/2014

مدرس : حامد فروردین

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# Microsoft Certification

## - Data Compression



# Data Compression

Row level compression

Page Level compression

## Row level

- Isn't actual compression
- Store numeric value using smallest possible numeric
- No impact on character columns
- Numeric , float , decimal

## Page level

- Compress text and character data
- Compress data stored in-row
- Support numeric data for compression
- Pages are only compressed when they become full

# What can be compress ?

Clustered index

None-Clustered  
index

Heaps

Specific  
Partitions

# Estimating Compression Saving

- `Sp_estimate_data_compression_savings`
  - `@schema_name`
  - `@object_name`
  - `@index_id`
  - `@Partition_number`
  - `@data_compression`

## How to enable Compression

- `ALTER INDEX ... WITH  
(DATA_COMPRESSION=PAGE)`