



EXPERT DAY כנס – סילבוס

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מסלול: MICROSOFT/MOBILE/**WEB**

שם הסדנא: Performance Oriented SQL Server Development

1. Abstract

T-SQL is a rich language that allows solving a wide range of problems. But from a certain scale, inefficient writing

starts to hinder the system performance and stability .

In this full day seminar, we will look at real world problems and find various solutions for them using T-SQL. We won't settle for just a solution, but also analyze the performance of each of them and find the best one. Among others, we will see the power of the APPLY operator, window functions, math and your brain for solving those problems .

In addition, we will talk about common mistakes and problematic query patterns that hurt the optimizer's ability to generate a good execution plan, resulting in bad query performance. Among other examples, we will see how changing a table structure can allow the optimizer to generate a much better plan, how breaking down big queries can reduce execution time significantly, how using the wrong programmatic objects hurt you, and why reuse and encapsulation are a good programmatic habit, but can be bad in terms of performance .This demo-heavy seminar will provide practical solutions for real world problems and will enhance the way you think about T-SQL.

2. Session Prerequisites

- Basic Experience Writing in T-SQL

3. Session Goals

1. Find practical solutions in T-SQL to real world problems
2. Identify common mistakes and resolutions
3. Acquire performance oriented development techniques