SQL Server:
Troubleshooting Query Plan Quality Issues

Module 1: Introduction

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Course Introduction

- Query execution plan "quality" has a large impact on query performance, SQL Server resource consumption, and overall workload throughput

- When the Query Optimizer's initial estimates are incorrect, the result can be a poor quality query execution plan

- This course will cover why it is important to pay attention to query plan quality, learn how to identify issues, and most importantly, learn how to resolve the various root causes that can lead to plan quality issues

Course Structure

- **Module 2: Why Query Plan Quality Matters**
  - Understanding why query plan quality is so important and reviewing the severity of the kind of problems can occur

- **Module 3: Identifying Query Plan Quality Issues**
  - Learn the techniques needed to identify plan quality issues

- **Module 4: Query Plan Quality Patterns and Resolutions**
  - There are many reasons why query plan quality can suffer and this module will cover the common patterns and also recommended next steps and resolutions