

SQLQuery1.sql - DESKTOP-GNFE269\MSSQLSERVER01\Indexes_Tutorials (DESKTOP-GNFE269\lenovo (51)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

DESKTOP-GNFE269\MSSQLSERVER01 (C)

Databases

System Databases

Database Snapshots

Indexes_Tutorials

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.Product

Views

External Resources

Synonyms

Programmability

Service Broker

Storage

Security

Server Objects

Replication

PolyBase

Always On High Availability

Management

Integration Services Catalogs

SQL Server Agent (Agent XPs disabled)

XEvent Profiler

SQLQuery1.sql - DE...FE269\lenovo (51))

```
SELECT [ID]
      , [Name]
      , [Price]
      , [AvailableQuantity]
FROM [Indexes_Tutorials].[dbo].[Product]
WHERE NAME = 'nisl Cras'
```

Query 1: Query cost (relative to the batch):
SELECT [ID], [Name], [Price], [AvailableQuantity]
Missing Index (Impact 99.4348): CREATE NONCLUSTERED INDEX [IX_Product_ID] ON [Indexes_Tutorials].[dbo].[Product] ([ID])

Execution plan

SELECT (Cost: 0 %)

Parallelism (Gather Streams) (Cost: 5 % 0.081s \$2 of 25 (110%))

Clustered Index Scan (Clustered) (Cost: 5 % 0.081s \$2 of 25 (110%))

Clustered Index Scan (Clustered)

Scanning a clustered index, entirely or only a range.

Physical Operation	Clustered Index Scan
Logical Operation	Clustered Index Scan
Actual Execution Mode	Row
Estimated Execution Mode	Row
Storage	RowStore
Number of Rows Read	1000006
Actual Number of Rows for All Executions	32
Actual Number of Batches	0
Estimated I/O Cost	4.92312
Estimated Operator Cost	5.47321 (95%)
Estimated Subtree Cost	5.47321
Estimated CPU Cost	0.550082
Estimated Number of Executions	1
Number of Executions	2
Estimated Number of Rows for All Executions	28.9683
Estimated Number of Rows Per Execution	28.9683
Estimated Number of Rows to be Read	1000010
Estimated Row Size	49 B
Actual Rebinds	0
Actual Rewinds	0
Ordered	False
Node ID	1

Predicate
[Indexes_Tutorials].[dbo].[Product].[Name]=N'nisl Cras'

Object
[Indexes_Tutorials].[dbo].[Product].[IX_Product_ID]

Output List
[Indexes_Tutorials].[dbo].[Product].[ID] [Indexes_Tutorials].[dbo].[Product].[Name] [Indexes_Tutorials].[dbo].[Product].[Price] [Indexes_Tutorials].[dbo].[Product].[AvailableQuantity]

Query executed successfully.

Activate Windows

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