Advanced Plan Explorer Usage for Tuning Execution Plans

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- SQL Server DBA & DB Developer
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- Working with SQL Server since 2001
- Speaking since Early 2014
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Today's Goal

To showcase advanced features and functionality often overlooked in Plan Explorer

Increase your speed and productivity <u>while</u> query tuning

Mostly demo

Basics will NOT be covered



Resources for Beginners

- Plan Explorer Documentation Website https://docs.sentryone.com/help/plan-explorer
- Plan Explorer Blog Posts (SentryOne)
 https://www.sentryone.com/blog/tag/plan-explorer
- SQLPerformance.com Blog Posts https://sqlperformance.com/?s=plan+explorer
- Plan Explorer Demo Kit by Aaron Bertrand
 https://www.sentryone.com/blog/aaronbertrand/plan-explorer-3-0-demo-kit
- eBook: Query Optimization with SentryOne Plan Explorer
 by Paul White | Greg Gonzalez | Aaron Bertrand | Rob Farley
 https://info.sentryone.com/ebook-query-optimization-plan-explorer
- Pluralsight: Using SentryOne Plan Explorer by Jonathan Kehayias https://www.pluralsight.com/courses/sqlserver-using-sentryone-plan-explorer
- The BEST Index Analysis Solution by Devon Leann Wilson https://www.sentryone.com/blog/devonleannwilson/t-sql-tuesday-101

github.com/sqlbek/

SSMS vs Plan Explorer

"I think there are two steps in the evolution of a query:

(1) ensuring correct results, and

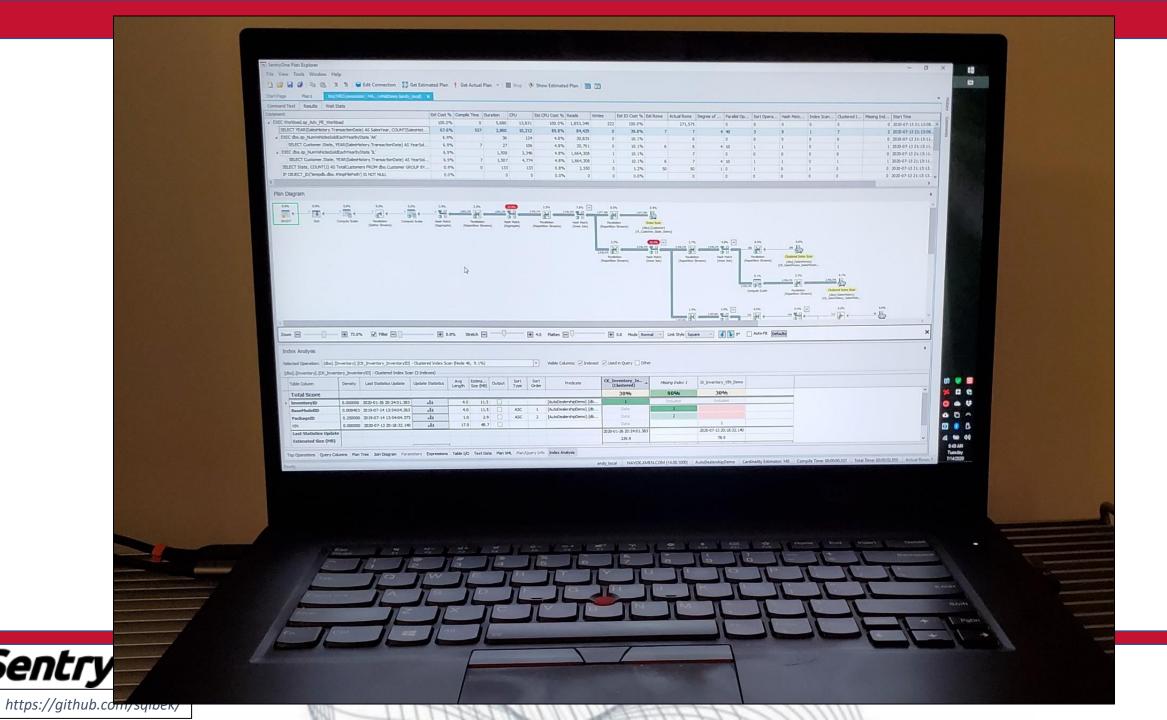
(2) performance optimization"

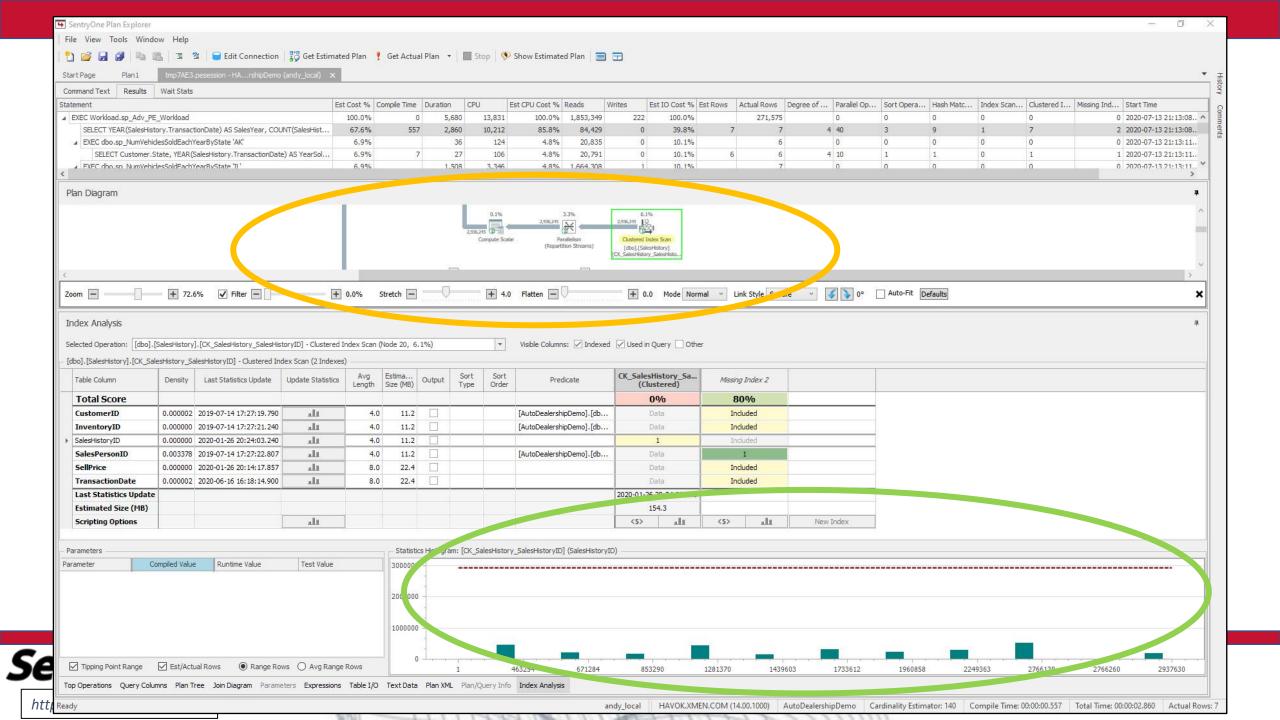
- Aaron Bertrand

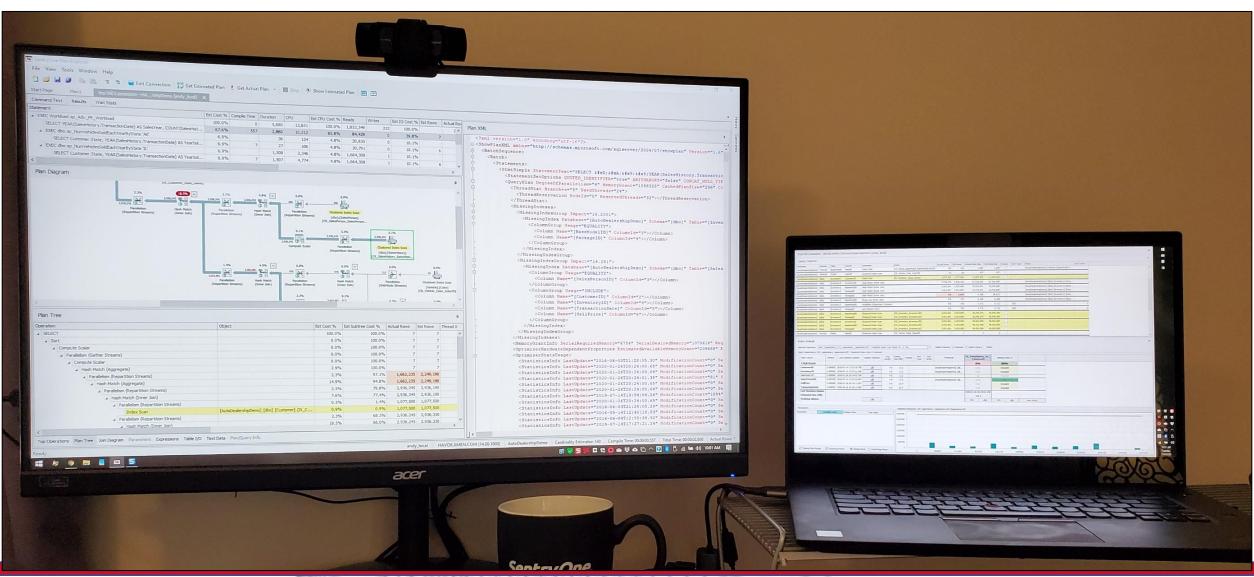


Customizing Your UI

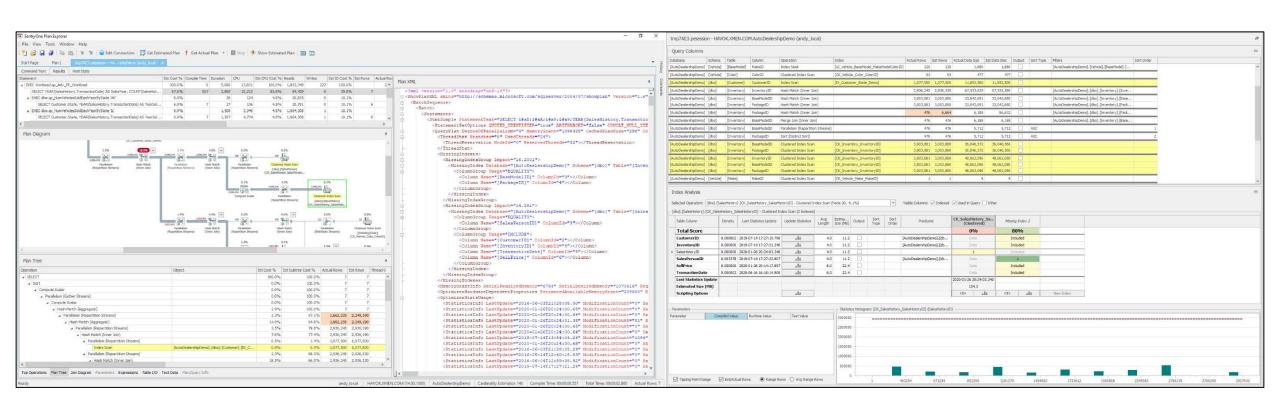








Sentry One https://github.com/sqlbek/





DEMO



Customizing UI Recap

Use multiple monitors!

Experiment with different tiled & tabbed layouts

Reset Layout:

%UserProfile%\AppData\Local\SentryOne Plan Explorer\



Final Notes & Parting Thoughts

https://github.com/sqlbek/

Download

- Sample 1 PE Session Master.pesession
- Demo Notes.txt
- DeadlockGraph1.xml



Thank you! Questions?

https://github.com/SQLBek

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