

**SentryOne<sup>®</sup>**

# **ACCELERATE** **2020**

Virtual Conference for data professionals

# Advanced Plan Explorer Usage for Tuning Execution Plans



Andy Yun

Principal Solutions Engineer

[ayun@SentryOne.com](mailto:ayun@SentryOne.com)

[Twitter.com/sqlbek](https://twitter.com/sqlbek)

- SQL Server DBA & DB Developer
- Chicago Suburban User Group Chapter Leader
- Chicago SQL Association – Director-at-Large
- Working with SQL Server since 2001
- Speaking since Early 2014
- Microsoft MVP (2017-2018)



# Today's Goal

To showcase advanced features and functionality often overlooked

Increase your speed and productivity while query tuning

Mostly demo

Basics will NOT be covered

# Resources

- 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>

[\*\*github.com/sqlbeka/\*\*](https://github.com/sqlbeka/)

# SSMS vs Plan Explorer

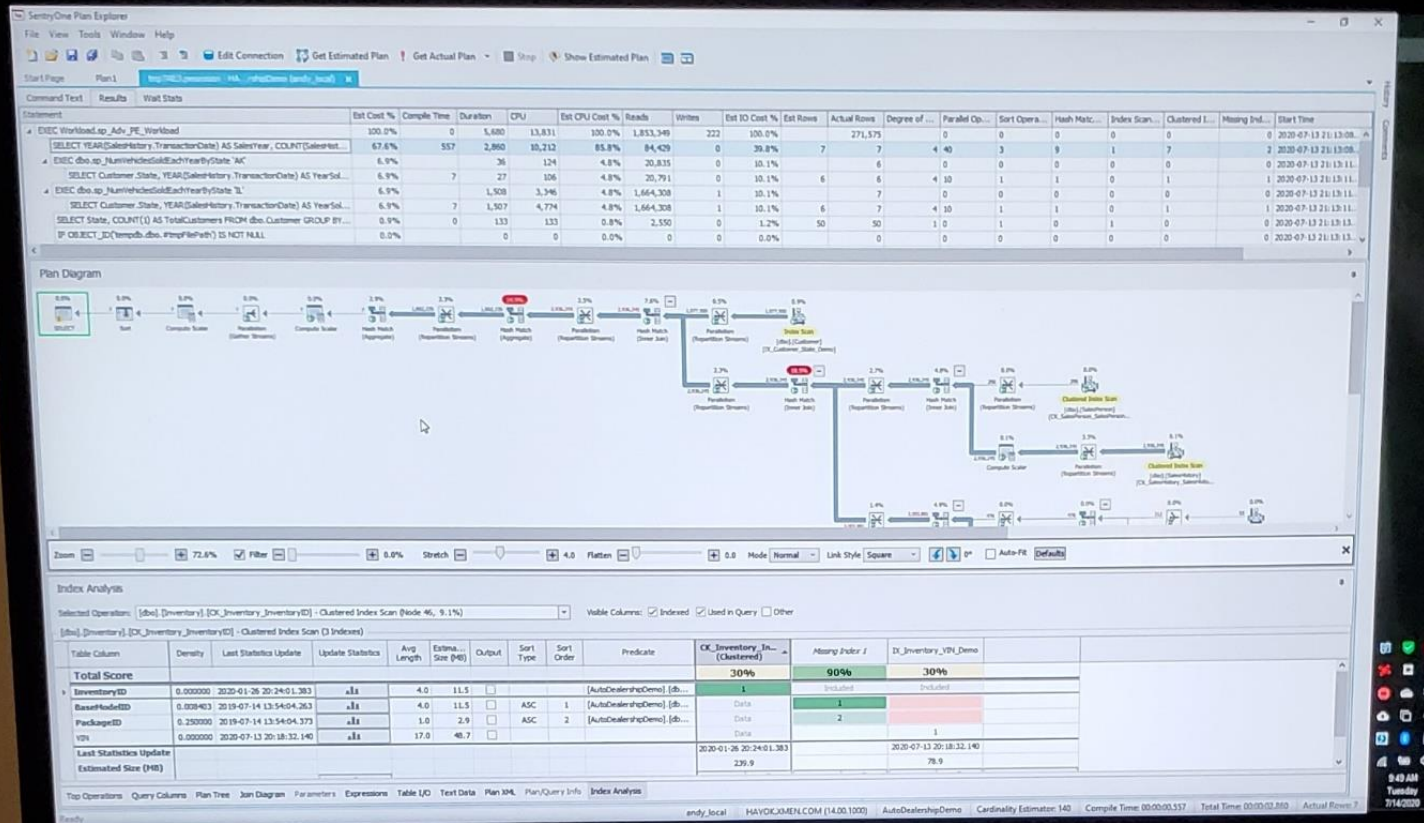
“I think there are two steps in the evolution of a query:

- (1) ensuring correct results, and
- (2) performance optimization”

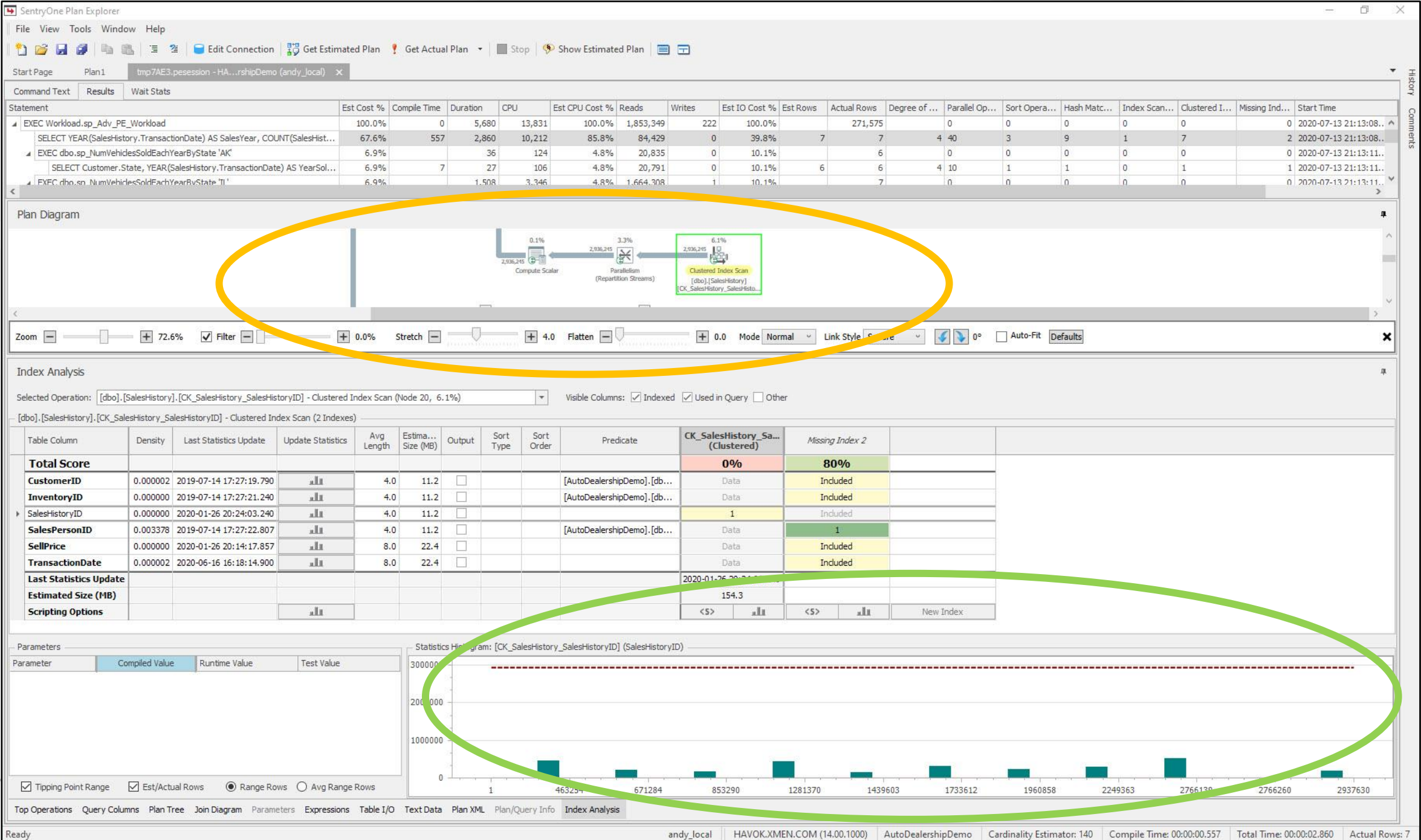
- Aaron Bertrand

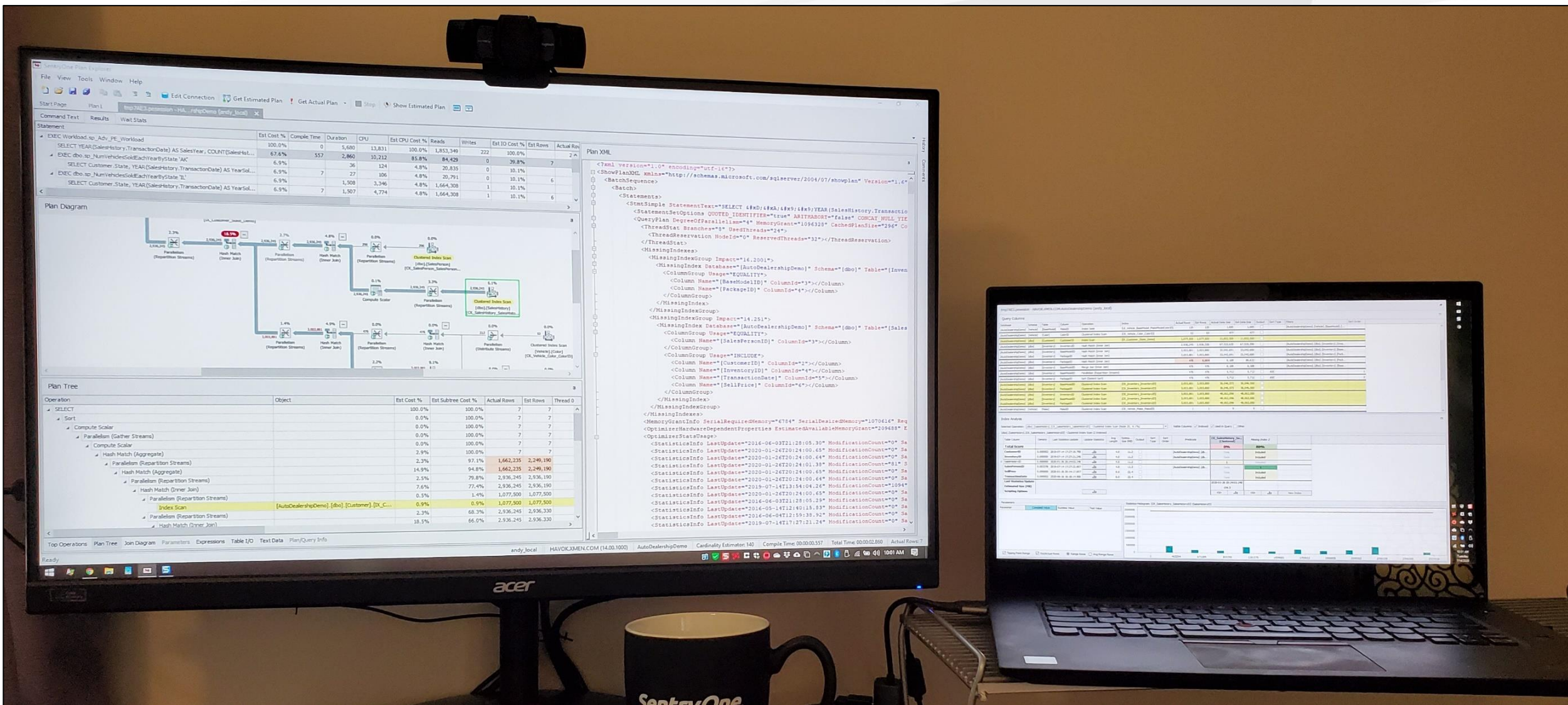
# Customizing Your UI















# Customizing UI

Use multiple monitors!

Experiment with different tiled & tabbed layouts

Reset Layout:

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

# Demo

# Final Notes

<https://github.com/SQLBek/>

## Download

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

# Thank you!

# Questions?

<https://github.com/SQLBek>

Andy Yun | @SQLBek  
[ayun@sentryone.com](mailto:ayun@sentryone.com)

Want To Learn More About SentryOne?  
Book a demo with me!  
<http://www.sentryone.com/BookAndy/>