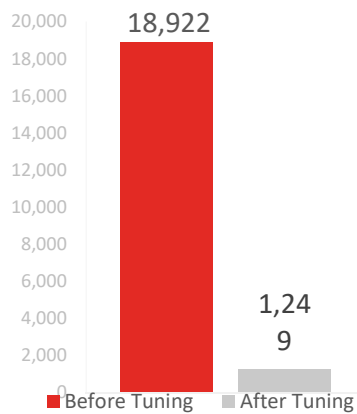


# Performance Tuning Report

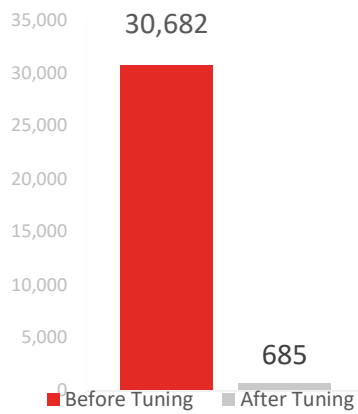


**CPU**

CPU is **15X** times faster

OR

**1,515%**  
CPU improvement

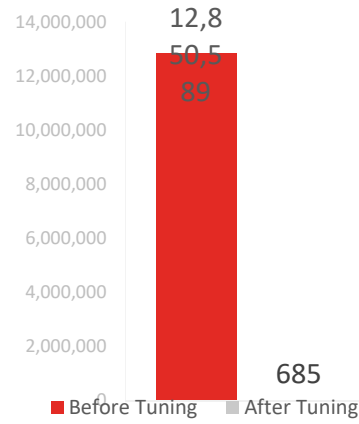


**Speed**

Speed is **45X** times faster

OR

**4,479%**  
Speed improvement



**Disk (Reads)**

Disk is **18,760X** times faster

OR

**1,875,998%**  
Disk improvement

## Description:

**Problem:** Slow stored procedure

### Notes:

938,757% improvement in stored procedure performance!

Improvements achieved:

- CPU from 18,922 to 1,249
- Reads from 12,850,589 to 18,532
- Duration from 30,682 to 685

If you want your SQL Server to go faster, let us know! We would love to have you as a client!

	run1 - before tuning	run2 - after tuning	improvement %
Elapsed duration (milliseconds)	30,682	685	4479%
CPU (milliseconds)	18,922	1,249	1515%
Storage read operations	12,850,589	685	1875998%
<b>Overall improvement:</b>			<b>938757%</b>

It's not 1 million percent improvement. But its close!

**What was changed?**

A SELECT with four JOINS became two SELECTs using a UNION.

That's it. That simple!

