

# Performance Practices Open Forum



Southwest CMG  
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**What tools do you use for quick & dirty performance analysis?**

- Excel
- SAS
- R
- commercial product
- open source software

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**What “modeling” tools do you use to predict the future state of your systems?**

- analytic modeling
- simulation modeling
- linear regression (simple trending)
- PDQ (Pretty Damn Quick - Neil Gunther)
- back-of-the-envelope
- benchmarks
- Microsoft Project
- Anything else?

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## Different types of capacity planning groups?

- Does your company have different types of capacity planning groups?
- What processes are in place for these groups to work together?
- Sample capacity planning groups:
  - application
  - database
  - servers
  - network
  - storage
  - mainframe
  - cloud
  - facilities

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**What skill sets do you look for in a capacity plan, performance engineer/analyst?**

- Statistics
- Networks
- Applications
- Server (e.g., sys admin)
- Programming
- What skills do you rate as a high priority?

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## What are you doing with response time?

- Collect & report for key applications or application components
  - Component – CICS, JVMs
  - Application/Business – higher-level business
- What types of response time statistics do you report?
  - Counts, average, min/max, percentile (e.g., 90th)
  - Histogram
- Importance of response time in:
  - Load testing
  - Capacity planning
- How do you predict future response time?