Take a SPA Day with the SAS® Performance Assessment (SPA): Baselining Software Performance Across Diverse Environments To Elucidate Performance Placement and Performance Drivers

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ABSTRACT

Software performance is often measured through program execution time with higher performing software executing more rapidly than lower performing software. Intrinsic factors affecting software performance can include the use of efficient coding techniques, other software development best practices, and SAS® system options. Factors extrinsic to software that affect performance can include SAS configuration and infrastructure, SAS add-on modules, third-party software, and hardware and network infrastructure. The variability in data processed by SAS software also heavily drives execution time, and these combined and commingled factors make it difficult to compare performance of one SAS environment to another. Moreover, many SAS practitioners may work in only one or in a few SAS environments, giving them limited to no insight into how performance of *their* SAS environment compares to *other* SAS environments. The SAS Performance Assessment (SPA) survey—launched at SAS Global Forum in 2016— examines FULLSTIMER performance metrics from diverse organizations with equally diverse infrastructures. By running standardized software that manipulates standardized data sets, the relative performance of unique environments can be compared. Moreover, as the number and variability of SPA participants continues to increase, the role that individual extrinsic factors play in software performance will continue to be disentangled and better understood, enabling SAS users not only to identify how their SAS environment compares to other environments, but also to identify specific modifications that could be implemented to increase performance levels.

COME TO THE PRESENTATION TO VIEW THE EXCITING RESULTS

Results of the SPA survey will be debuted at MWSUG 2016 in Cincinnati, Ohio!

CONTACT INFORMATION

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