Reflections on 45 Years of Working with SAS

B. M. Osman*

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Introduction

For more than four decades, my academic and research journey has been closely tied to the use of **SAS Institute products**. Over these 45 years, I have witnessed the evolution of computing environments—from mainframes to personal computers, from the emergence of open-source ecosystems to the era of artificial intelligence. Throughout this period, SAS has remained a consistent and reliable companion for research, teaching, and publication.

1 The Value of SAS in Research

SAS offers one of the most stable, rigorous, and reproducible environments for data analysis. As an academic, I have relied on its wide array of statistical procedures, data handling capabilities, and reproducibility standards, which make it uniquely suited for high-stakes research and publications.

The integration of SAS with tools such as **Vim** and LaTeX has provided me with a complete scholarly workflow:

- **SAS** for data management, modeling, and analytics.

- **Vim** for fast, distraction-free editing of scripts and notes.

*Al Nahada University, Cairo
babikerosman@yahoo.com

- **LaTeX** for producing professional publications and documentation.

Together, this triad forms what I call a *research habitat*, optimized for productivity, creativity, and precision.

2 Adaptation in the Age of AI

The last decade has introduced dramatic changes in computational science with the rise of **artificial intelligence**, machine learning, and mobile computing. Rather than diminishing SAS, these changes have created opportunities for new integrations:

- Running SAS workflows alongside Python and AI models, bridging classical statistical rigor with modern machine learning.

- Deploying SAS environments in **Termux Android emulators**, enabling mobile experimentation and analysis in the palm of one's hand.

- Enhancing efficiency through hybrid workflows where SAS is complemented by open-source libraries and cloud-based AI platforms.

These adaptations make working with SAS today even more enjoyable, blending tradition with innovation.

3 Personal Reflections

My career with SAS is not simply about software—it is about continuity, adaptability, and intellectual companionship. Few tools in the scientific world can boast of maintaining relevance for nearly half a century. SAS has been both a foundation and a bridge:

> "A foundation in providing reliable, reproducible, and trusted analysis, and a bridge in connecting traditional statistics with emerging technologies such as AI and mobile emulation."

Conclusion

After 45 years of daily use, I can affirm that SAS remains the most helpful environment for academic and research work. Combined with Vim, LaTeX, and modern AI-driven platforms, it creates an enjoyable, efficient, and forward-looking ecosystem for scientific inquiry.

— End of Reflection —