

# EMPOWERING STATISTICAL PROGRAMMERS

AN ADVANCED STATISTICAL COMPUTING ENVIRONMENT FOR THE PHUSE APAC COMMUNITY

## The Challenge

Statistical programmers are pivotal in clinical trials, yet they often face significant operational hurdles.

- **Fragmented Tools:** Disconnected systems for coding, validation, and reporting.
- **Complex Workflows:** Manual hand-offs increase the risk of errors and delay timelines.
- **Compliance Risks:** Difficulty in maintaining traceability across different environments.

*"Programmers spend too much time on operational hurdles rather than scientific insights."*

## Current Landscape vs. SCE

### Current State



Transformation  
→

### Optimized



## The Solution: Advanced SCE

Our comprehensive **Statistical Computing Environment (SCE)** is purpose-built by clinical technology experts to optimize daily tasks.

### Core Capabilities:

- ✓ **Unified Platform:** A single, compliant environment for analysis, reporting, and submission.
- ✓ **Multi-Language Support:**  
**SAS • R • Python**
- ✓ **Submission-Ready:** Automated generation of compliant outputs.

## Key Features for Productivity

- **Automated Validation**  
Reduces manual QC time by automating standard checks.
- **Version Control**  
Built-in tracking ensures code integrity and full audit trails.
- **Collaborative Workspaces**  
Enables seamless teamwork across global locations.

## Strategic Impact



### INSIGHTS

Focus on Science, Not Operations



### COLLABORATION

Unified Teams, Shared Goals



### INNOVATION

Accelerated Trial Results

**Conclusion:** By ensuring data integrity and facilitating regulatory adherence, our SCE accelerates the delivery of critical clinical trial results.

### Presented By

**Nikhil Khandelwal**  
nikhil.khandelwal@saama.com

