KeyStone SUG

Harrisburg, Pennsylvania

http://www.keystonesug.com

A special interest group for professionals who use The SAS System.

Meeting Announcement

Date	Wednesday, December, 9 2009
Time	11:30 to 2:00pm
Lunch	11:30
Sponsor	Acclaim Systems
RSVP	kevingraham@keystonesug.com

Call for Papers

Speakers for December

1. Ram Kapu, Using SAS to send Emails
2. Al Abraham, SAS/BI
3. Phil Sirinides, Statistics

Current Requests for Presentation

1. Tips for **efficient data management** at the server level.
2. **Security**: Constructing user groups with different authorizations / access to information.
3. **OLAP Cube example** in Information Delivery Portal and/or Web Report Studio.
4. **Information Map example** in Information Delivery Portal and/or Web Report Studio.

Ask for a specific technical presentation

- Why does SAS work like this...
- Is there a better way...
- Is this possible…

Polished public speaking skills are **not required**.

The Meeting Held on November 21st

We had four presenters and each topic generated plenty of interaction from the audience during the course of their talk, especially SAS/BI and Statistics. We ran short on time and two presentations were moved to the next meeting

SAS® Business Intelligence

Al Abraham
SAS Institute

SAS® Business Intelligence gives you the information when you need it, in the format you need. By integrating data from across your enterprise and delivering self-service reporting and analysis, IT spends less time responding to requests and business users spend less time looking for information.

SAS/BI means fewer SAS programmers will be needed for routine data extractions, summaries, and daily SAS program maintenance. KeystoneSUG has requested SAS Institute provide SAS/BI in addition to the standard SAS software for SUGs.

Introduction to Object Programming

Kevin Graham
Department of Environmental Protection
Montura Consulting

The first of a series on Object programming with SAS/AF begins with basic theory and software design. A new subject is the session-level data vector defined in ENVLIST that is accessible by all objects in the application. This works in pure batch mode and with SAS/AF GUI's. The working example can be downloaded from the website. This code is used to create a daily backup of Base/SAS programs, SAS catalogs, and SAS datasets.

Comments included

- The technical side was a little over my head; however, this seems like it might be useful later.
- The global data vector concept reminds me of my days with COBOL/CICS.
- I need to see real data or I just can't visualize how it affects me

The technical side of object programming will become clear over time.
Please be patient, this simply more than one chapter to understand.

Introduction to SAS/ODS

Dennis P. Hernan
PA Department of Transportation
Bureau of Maintenance & Operations
Roadway Inventor and Testing Section

This presentation introduced members to mainframe code used at PennDot. Viewing the entire code example demonstrates a wide range of technical items, including FTP and Base/SAS along with the ODS usage. The author included working source code that demonstrates actual usage.

Unlike other groups, we actually ask for members to contribute source code that demonstrates real work life.

Introduction to Statistics

Phil Sirinides
Bureau of Financial Management & Administration
Planning Evaluation and Development

The first in a series on applied statistical analysis begins with an introduction to statistical theory and how it relates to forecasting. There were so many questions on this topic that we decided this topic will require a lot more time in the future.

<u>Motivate the topic</u>

- What statistics can and can't do
- What is statistical modeling?

<u>Variables</u>

- Distributional properties of variables
- Different types of data

<u>Relationships between two variables</u>

- Represent with pictures
- Represent with statistics

<u>What is regression?</u>

- SAS code for regression Example A
- SAS code for regression Example B

KeyStone SUG is a resource SAS users.

- It is a venue where SAS technical people gain public speaking experience. Some presentations will be highly polished with very articulate speakers while others will be polar opposite. SAS User Groups are where SAS technical people gain public speaking experience.
- SAS User groups are a local hotspot for SAS technical expertise. Managers are welcome to throw challenges to the group that may include actual work problems that are currently in-progress.