SOLUTIONS FLYER

SAS LANGUAGE SUPPORT FOR JUPYTER

Altair SLC™'s Jupyter kernel supports the SAS language in Jupyter Notebooks. Jupyter Notebooks are a popular, web-based method for creating and sharing computational documents. Programmers often use Jupyter notebooks to create and share training material in data science applications.

Altair SLC and Jupyter

Using the Jupyter kernel with Jupyter Notebooks allows users to write, edit, and execute SAS language code blocks entirely within a Jupyter Notebook. The actual execution of the SAS code blocks is handled in the background by Altair SLC. Output from Jupyter Notebooks can be displayed within the same Jupyter Notebook.

Many programmers learned to use Jupyter Notebooks when they began using the Python and R open-source programming languages. Altair's Jupyter kernel lets students learn SAS language together with Python and R in a single, familiar tool.

Dependencies and Usage

Use the Jupyter kernel in any server environment that supports Jupyter. Altair SLC doesn't require any third-party middleware to process applications containing the SAS language, and our SAS language compiler supports SAS language and macro syntax and procedure support for statistics, time series analytics, operational research, machine learning, matrix manipulation, operational research, graphing, and output delivery.

Altair SLC's built-in SAS language compiler runs SAS language and SQL code, utilizes Python and R compilers to run Python and R code, and exchange SAS language datasets, Pandas, and R data frames. The software runs on IBM mainframes, in the cloud, and on servers and workstations running a variety of operating systems. It supports both remote job submission and the ability to exchange data between mainframe, cloud, and on-premises installations.

Altair tools enable analytics teams to gain competitive advantages and drive next-level business results:

- AI and machine learning
- Data preparation and transformation
- Stream processing
- Data visualization

Learn More at:
altair.com/altair-slc