Programming Environments for SAS

There are three programming environments for running SAS Viya Data Mining and Machine Learning:

- **SAS Studio.** Use the SAS Studio web interface to create, modify, and run SAS programs. SAS Studio is a rich user interface that provides navigation to data, tabs for coding and reviewing output, pre-written code snippets, and online Help. For more information, see this documentation:
  - Getting Started with Programming in SAS Studio
  - SAS Studio: User’s Guide

- **Batch mode.** Run existing SAS programs from the Linux command line. Use batch mode when you do not need a coding interface (other than text editing) or when you want to run jobs at scheduled times. For more information, see Batch and Line Mode Processing in SAS Viya.

- **Interactive line mode.** Start SAS from the Linux command line and submit SAS code line by line. Log output and results are shown as you reach the end of a code block. For more information, see Batch and Line Mode Processing in SAS Viya.