

Introduction to ANSA scripting

Training	Introduction to ANSA scripting
Duration (on site)	1 day (8 hours)
Duration (online)	2 sessions (8 hours)
Level	Beginner
Who should attend	CAE analysts who work on various disciplines and wish to create automation processes.
Training description & objectives	<p>Automation is in the core of the ANSA pre- processor. This course introduces the basic principles of the Python language and the interaction with ANSA for creating automated processes.</p> <p>Upon course completion, users will become familiar with the fundamentals of Python language, the ANSA scripting tools and will be able to :</p> <ul style="list-style-type: none"> – Understand the concept of Python and object oriented programming. – Interact with ANSA entities through scripting. – Use the embedded script editor to build their own scripts. – Deal with txt files. – Understand the concept of the ANSA_TRANSL file.
Prerequisites	Basic knowledge of ANSA
Suggestions	This course is necessary for users who will attend the “Advanced pre-processing automation and scripting with ANSA”.
Language	English <i>*ask for more languages</i>



Suggested topics
Day 1
<ul style="list-style-type: none">– Introduction to the Python programming language– Introduction to object oriented programming– Introduction to the ANSA Python API– Interacting with ANSA entities– Handling of text (Ascii) files– Handling scripts from GUI– Loading scripts on ANSA startup (ANSA_TRANSL)

Course content is subject to change without notice.

Course content may be adjusted to audience requirements or background.