	Python-Training		TTA-Training		
	Python Basic	**Python Advanced**	**TTA Basic**	**TTA Developer**	**TTA Custom Developer**
Target Audience	All those interested in starting programming with Python	Interested parties, that already have some experience with Python	Testers	Test case automation engineers	Python Developers
	All those looking for specific, minor applications	Interested parties, that are already familiar with other programming languages	Test managers		Programmers
		Prospective test case automation engineers	Test case automation engineers		Unit Developers
			Developers		
Entry Requirements	Self-study of the booklet "Coding Basics"	Successful completion of the admission-questionnaire (questions from the Python Basic Training)	Existing TTA-Installer (incl. Python and IDE)	Successful completion of the Python Basic training	Existing TTA license
	Answering some general questions	"Coding Basics" booklet should be known		Successful completion of the TTA Basic training	Successful completion of the TTA Developer training
					Successful completion of the Python Advanced training
Training Objective	The participants can read Python code and can write simple scripts	The participants are able to solve problems independently and are familiar with the standard Python Libraries	The participants are familiar with the basic structure, the GUI and all functionalities of TTA. Participants understand the backgrounds and are familiar with the theory of testing and its connection to ISTQB	The participants are able to write and automate test cases with TTA, its embedded functions and units. They are able to run test cases without the GUI (directly in Python). They are familiar with the keyword catalog.	The participants are able to extend TTA, to integrate TTA into an existing toolchain, to integrate own reporting scripts
Content	Introduction to Python	Object-oriented programming	What is TTA	Understanding the TTA Documentation	Further training content can be added to fit your specific needs. – Send us your non-binding Inquiry.
	Types of data & variables in Python	Functions, classes	GUI, icons	Understanding test cases (conditions, run, reporting)	
	Data structures (lists, dictionaries, sets, etc.)	Inheritance (Advanced Test Case Base)	IDE, Eclipse	Usage of the IDE	
	Loops & conditionals in Python (IF)	Threading	Documentation	Writing own test cases	
	Read Python code	Decorators & generators	Fundamental concept of TTA	Understanding packages and units	
	Automation for simple functions	Magic numbers	Run test cases	Writing a keyword catalog	
	Read and create files	GUI & PyQt	Create test sequences	Usage of the Unit Bundle	
	Introduction to object-orientation	Complex Python syntax	Reporting	Test case generator	
			Test case generator	Prospects	
			Keywords in TTA		
Additional Information					Consultation about the integration of TTA
					Bookable as a workshop