Test Design Techniques

Course code: ATPTA2

Learn advanced test design techniques and their use in practice.

Affiliate	Duration	Course price	ITB
Praha	1	7 500 Kč	0
Bratislava	1	330 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
18.03.2026	1	7 500 Kč	Presence	CZ/SK	tesena
03.06.2026	1	7 500 Kč	Presence	CZ/SK	tesena

The prices are without VAT.

What we teach you

- How to test input combinations
- How to choose suitable combinations for a large number of inputs¨
- How to use even basic test design techniques for more complex test design
- What specific tools are used for combinatorial testing
- How to use advanced test analysis techniques in practice

Required skills

- We recommend at least one year of experience in test analysis
- Attending the Test Analysis in Practice course is an advantae
- Strongly recommended: ISTQB Foundation Level or knowledge of basic test design techniques

Teaching materials

Tesena guide book for this course.

Course outline

- Advanced test analysis and advanced test design techniques
- Combinatorics and Combinatorial Testing
- Test design techniques
- N-way testing (Pairwise, Orthogonal Arrays, Covering Arrays)
- Test parametres analysis (Boundary Value Analysis, Equivalence Partitioning)
- Classification tree
- Decision table
- State transition