Introduction to R Programming

Course code: RPROG1

The course is designed for developers working in the field of Business Intelligence, SAS statistics developers and students who are interested in working in analytic industry and want to learn the basics of the language R for various approaches to data analysis and data visualization.

Affiliate	Duration	Course price	ITB
Praha	3	14 100 Kč	30
Brno	3	14 100 Kč	30
Bratislava	3	564 €	30

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
25.05.2026	3	14 100 Kč	Online	CZ/SK	Online
25.05.2026	3	564 €	Online	CZ/SK	Online

The prices are without VAT.

What we teach you:
- Understand the fundamentals of 'R'
- Learn how to transit from existing software in analytics into an 'R-based' system at zero cost.
- Get a broad insight into analytics and acquire skills in methodologies and techniques.
- Get familiar with data science as a career option with practical knowledge. Recommended Audience: This course is recommended for:

Who the course is for:
- Developers working in the field of Business Intelligence
- SAS developers who are trying to move to open source technologies
- Statistics students with basic knowledge of programming, who want to become Data Scientists.
- For all who are interested in working in the analytical industry and are interested in improving their technical skills using the latest techniques.

Required skills:
- The pre-requisites for learning 'Business Analytics with R' include basic mathematics and good analytical skills. The good news is that – as this is an applied course, the focus will be on real-world case studies rather than just the theory

Teaching methods:
- Professional explanation with practical samples and examples.

Teaching materials:
- Powerpoint handouts and module printouts.

Course syllabus:
- Data Structures, Variables, Control Flow, Functions
- Getting Data into the R environment,
- Explore R's key features and wide range of packages, built for data science
- Develop, execute, and modify R scripts
- Learn how to use different data mining sequences

- Find out how to organize your data effectively
- Produce high-quality data visualizations
- Get to grips with a number of approaches to the statistical analysis of data
- Learn how to cultivate a strategic approach to your data to use the right tools, models and visualizations to get the job