## Microsoft SQL Server Reporting Services

Course code: GOC640

In this course, students will learn how to deploy and use Reporting Services in native mode, create reports, using the tools of their development and manage the entire solution. Students will learn the practical steps creation of reports in MS SQL Reporting Services 2012/2014.

#### Who the course is for

- The primary audience for this course is individuals who want create reports using MS SQL Server Reporting Services

## After completing this course, students will be able to:

- Describe report lifecycle
- Create report visualisations
- Work with parameters and filters
- Deploy reports
- Automating tasks in Reporting Services
- Reporting Services Maintenance
- PowerView
- PowerMap
- PowerPivot (if time permits)

#### Required skills

- Basic knowledge of the Microsoft Windows operating system and its core functionality
- Working knowledge of Transact-SQL

#### Course Outline

Introduction to Reporting Services

- RS Overview
- Deployment and usage options

### Report creation and visualisations

- Table
- Matrix
- Graf
- List
- Picture
- Gauge
- Map
- KPI, sparklines, data bars
- Subreport

## Working with parameters and filters

- Parameters vs. filters
- Report parameters
- Query parameters

## Report deployment

- How to deploy report
- Server side settings

Automating tasks in Reporting Services

#### GOPAS Praha

Kodaňská 1441/46 101 00 Praha 10 Tel.: +420 234 064 900-3 info@gopas.cz

## GOPAS Brno

Nové sady 996/25 602 00 Brno Tel.: +420 542 422 111 info@gopas.cz

## GOPAS Bratislava

Dr. Vladimíra Clementisa 10 Bratislava, 821 02 Tel.: +421 248 282 701-2 info@gopas.sk



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# Microsoft SQL Server Reporting Services

- Reporting services configuration manager
- Database and keys management
- Report snapshots

#### PowerView

- Introduction to PowerView
- How to create simple visualisation

## PowerMap

- Introduction to Power Map

## PowerPivot

- How to create data model for PowerView, PowerMap

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