

# Paginated Reports in Microsoft SQL Server Reporting Services and Microsoft Power BI

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

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# Paginated Reports in Microsoft SQL Server Reporting Services and Microsoft Power BI

- 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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