

# RapidMiner Server: Web Apps And Deployment

## Course Overview

RapidMiner Server: Web Apps and Deployment is a comprehensive two days course focusing on the RapidMiner Server product from the perspective of an analyst and an administrator and provides a platform for collaboration for a data science team. It provides a vehicle to automate recurring tasks, a reporting mechanism for non-technical users, and integrates well into existing IT infrastructures. Since every element of a RapidMiner Server dashboard is powered by a RapidMiner process, designers can create interactive displays that incorporate an endless array of functionality to accommodate various business requirements.

After successfully completing this course, participants will have a solid understanding of how RapidMiner Server functions. Participants will be able to deploy predictive models, collaborate with team members, automate processes, manage access rights, design reports & interactive dashboards.

Practical exercises during the course prepare students to take the knowledge gained and apply to their own RapidMiner Server installations.

## Course Objectives

After the training, students will have the ability to:

- Utilize RapidMiner Server as a tool for collaboration
- Deploy analytical models built with RapidMiner Studio using RapidMiner Server
- Automate and schedule processes
- Manage access rights for RapidMiner Server
- Integrate models into their business process using web services
- Design and launch web-based reports
- Create interactive dashboards
- Develop parameterized processes to interpret end-user feedback

## Course Outline

### • Collaboration

- Sharing Data Repositories
- Sharing Workloads for Process Development
- Parameterizing Processes for Broader Use
- Building a Process Library
- Reducing Device Specific Bottlenecks in a Workflow

### • Automation

- Deploying Tested Models in a Production Environment
- Scheduling Processes
- Using Triggers
- Turning RapidMiner Processes into Web Services

### • Administration

- Understanding Changes RapidMiner Server makes to Studio Interface
- Navigating the Admin Console Web Interface
- Controlling User Access with Roles
- Managing Throughput with Process Queues

### • Reporting

- Exporting Results to Files
- Designing Informative Data Visualizations for the Web
- Creating Interactive Environments for Ad-Hoc Analysis

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