**Microsoft R Server For Beginners Hands on Workshop:**

**Overview**:

In this workshop you’ll cover a series of modules that guide you from understanding the basics of Microsoft R Server including modules that will help you import data, transform, explore and build models. Operationalization is not included in this course. Please see DeployR materials for operationalization. You will be using a series of exercises that illustrate the topics taught.

This course is designed to take approximately one to half a day or full data depending on what is covered and how many of the labs are done in-class.

Note this is an elementary approach to show step by step how to use R Server . The instructor will start with an overview of R server, then teach each section along with showing a demo of a sample of R script that accompany the slides.

You can either let students follow or let them do all exercises at the end which may be a more convenient method.

This workshop is extracted from Matt Parkers training video but has different exercised created.

**Prerequisites:**

Audience: Beginner level on MRS. Knows open source R code already.

**Equipment :** .

You will need to spin a Azure data science machine or an VM with R server installed, or a lap top with R Studio and MRS installed

**Course Materials :**

1. MRS Slides for Importing files and
2. MRS Slides for Exploration and Modeling
3. Instructor’s R script to accompany Part 1 of slides as examples
4. Instructor’s R script to accompany Part 2 of slides as examples
5. Presentation for R server as overview
6. Slide that contains student exercises : Instructor can opt to use the examples as exercises as well.

Reference: Use the training video of Matt Parker : <https://channel9.msdn.com/Series/Microsoft-R-Server-Series/Introduction-to-Microsoft-R-Server-Session-1--Overview>