## [L1-DS] KNIME Analytics Platform for Data Scientists: Basic Online

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Time in CEST</th>
<th>Agenda</th>
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| Introduction to KNIME                      | 10:00 – 11:45| Introduction  
The KNIME Workbench  
What is a Node? What is a Workflow?  
Accessing Files  
Accessing Data on a Database            |
|                                            |              | 11:45 – 12:00 Break                                                 |
| Data Manipulation & Data Aggregation       | 12:00 – 13:45| Joining and Concatenating Data  
Manipulating Data  
Aggregating Data                        |
| Summary and Q&A                            | 13:45-14:00  | Summary and Q&A                                                      |

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<th>Day 2</th>
<th>Time in CEST</th>
<th>Agenda</th>
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| Visualization                              | 10:00 – 11:15| Visualization Nodes  
Interactivity & Composite Views                                    |
| Data Mining I                              | 11:15 – 11:45| Learner/Predictor Motif  
Creating Test and Training Sets  
Classification Problem & Decision Tree |
|                                            |              | 11:45 – 12:00 Break                                                 |
| Data Mining II                             | 12:00 – 12:45| Training a Regression Model using Linear Regression  
Clustering Data using the K-Means Algorithm                           |
| Reporting                                  | 12:45 – 13:45| Writing Files  
Writing to a Database  
Creating a Report                                                       |
| Summary and Q&A                            | 13:45 – 14:00| Summary and Q&A                                                      |