

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

Session 1	
Introduction to KNIME Analytics Platform & Data Access	<ul style="list-style-type: none"> <li>Introduction</li> <li>The KNIME Workbench</li> <li>What is a Node? What is a Workflow?</li> <li>Accessing Files</li> <li>Accessing Data on a Database</li> </ul>
Session 2	
Data Manipulation & Data Aggregation	<ul style="list-style-type: none"> <li>Joining and Concatenating Data</li> <li>Manipulating Data</li> <li>Aggregating Data</li> </ul>
Session 3	
Visualization & Data Mining I	<ul style="list-style-type: none"> <li>Visualizing Data</li> <li>Creating Interactive &amp; Composite Views</li> <li>Training a Classification Model using the Decision Tree Algorithm</li> </ul>
Session 4	
Data Mining II & Deployment	<ul style="list-style-type: none"> <li>Training a Regression Model using Linear Regression</li> <li>Clustering Data using the K-Means Algorithm</li> <li>Writing Files</li> <li>Writing to a Database</li> <li>Creating a Report</li> </ul>
Session 5	
Wrap Up Session	Discussion of last Exercise