

Introduction to CANalyzer: Measurement & Analysis

Agenda VectorAcademy

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| Duration: | 1 Day |
| Target Group: | New CANalyzer users working with analysis of ECU networks. |
| Prerequisites: | Basic understanding of the CAN Protocol. |
| Goal: | Understanding of the interpretation of data and of CANalyzer as a measurement tool. Using the analysis functionality as well as saving measurement data (logging). Use of the send options and the offline analysis of logged data. |

1 | CAN Data Traffic 1.0 h

- > Data Frames and Interpretation
- > CAN databases and CANdb++ Editor

2 | Introduction 0.5 h

- > Application areas of CANalyzer
- > Components and configuration of a CANalyzer measurement system

3 | Measurement and Analysis 2.0 h

- > Introduction of the graphical user interface
- > Dataflow and measurement setup
- > Data tracing, statistic monitoring and signal analysis

4 | Data Logging 1.0 h

- > Applying filters to reduce the volume of data
- > Data history settings
- > Recording data traffic and supported logging file formats
- > Employment of specific trigger conditions

5 | Offline Analysis 0.5 h

- > Analysis of logged data using the offline mode

6 | Stimulus Options 1.0 h

- > Interactive Generator Block
- > Replay Block