# Cyber-Physical Industrial Systems

Module 3 Session 2

Data processing basics

Lecture

DAQ steps
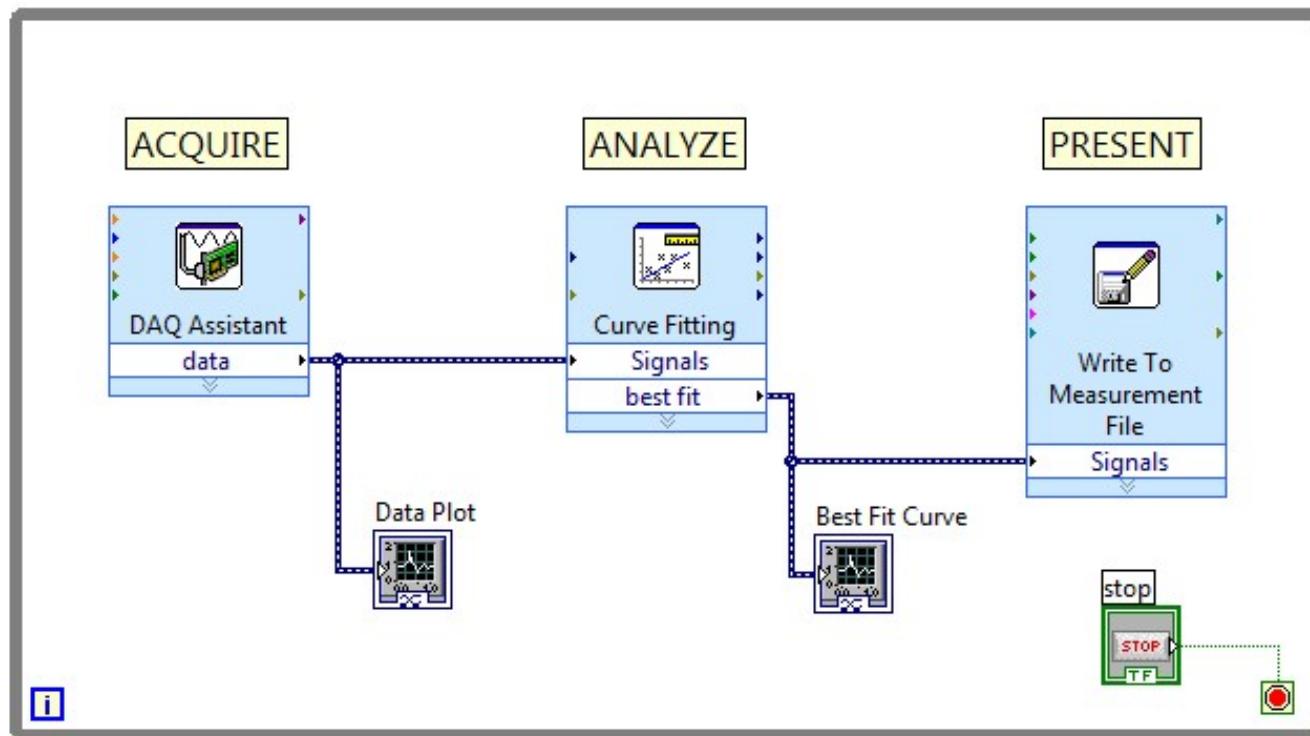
Data processing example
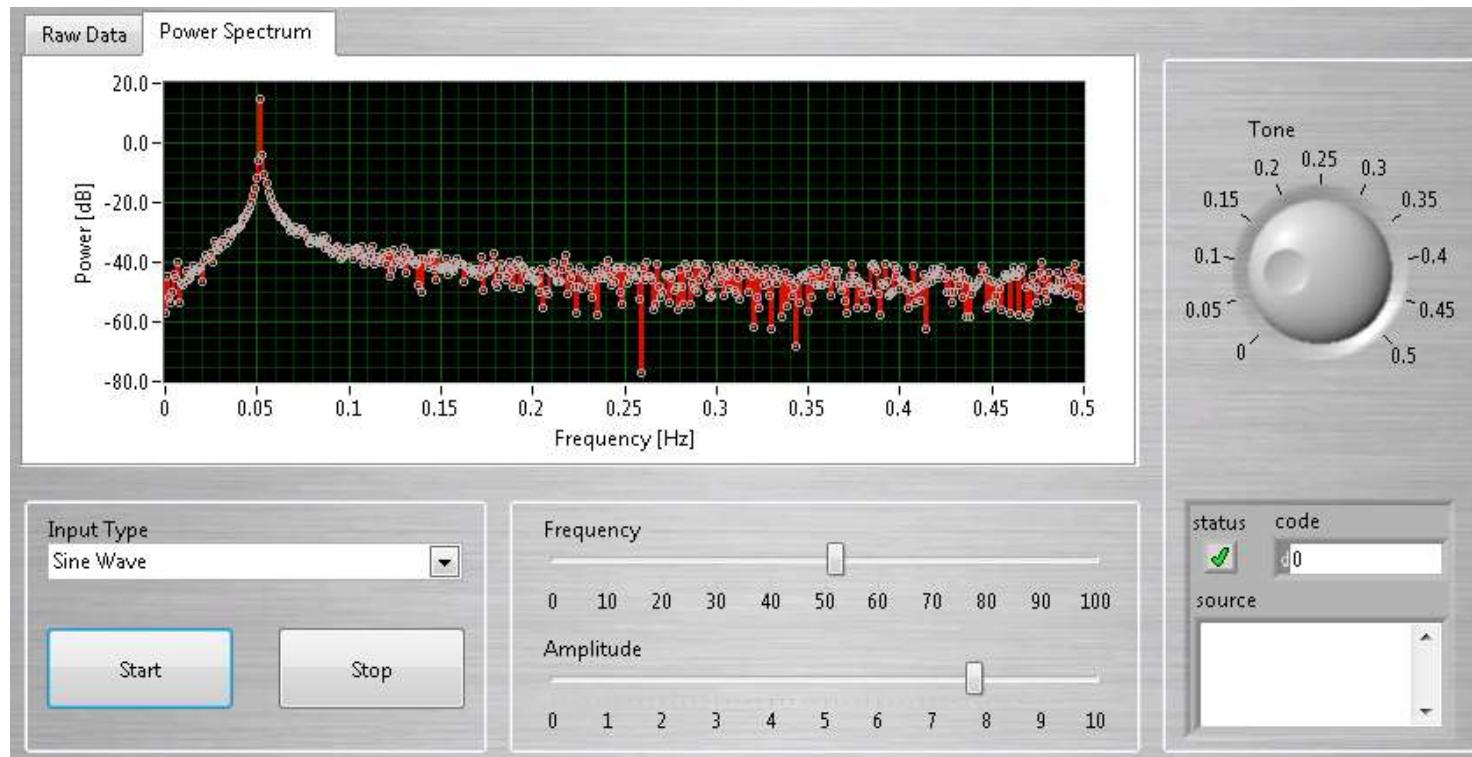
Signal Analysis Express VIs
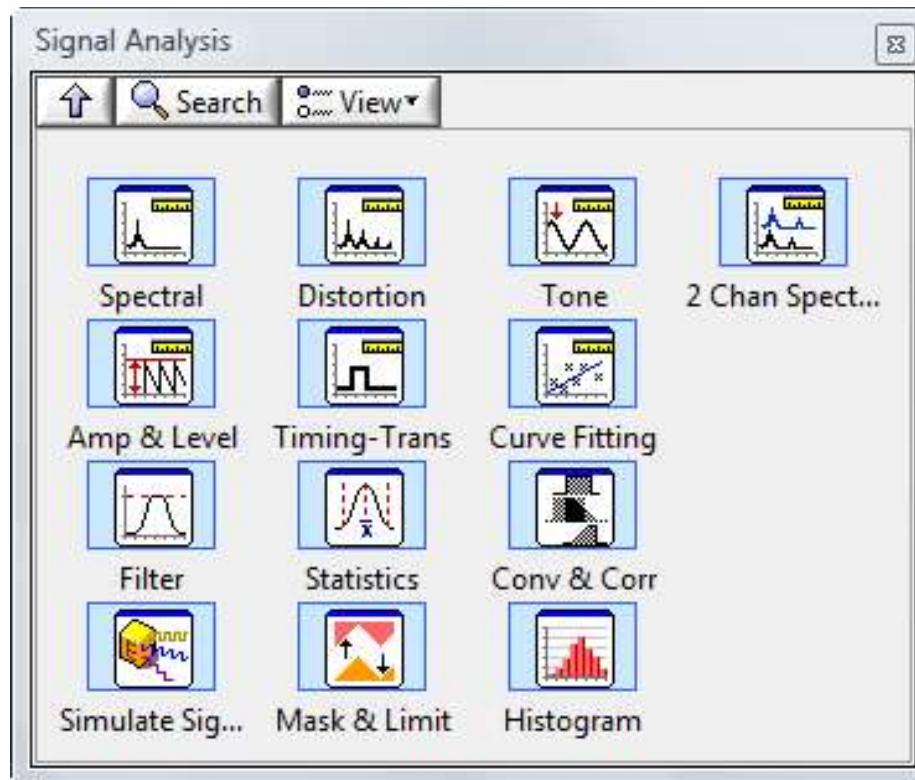
Measurement configuration
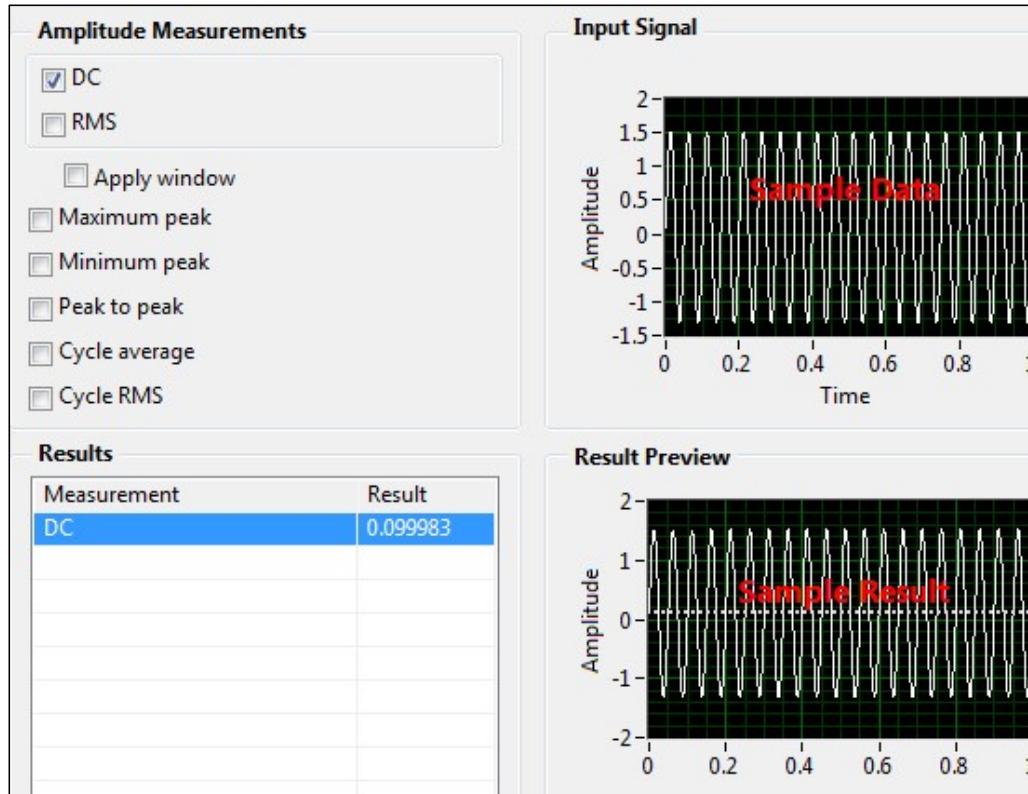
Filter configuration
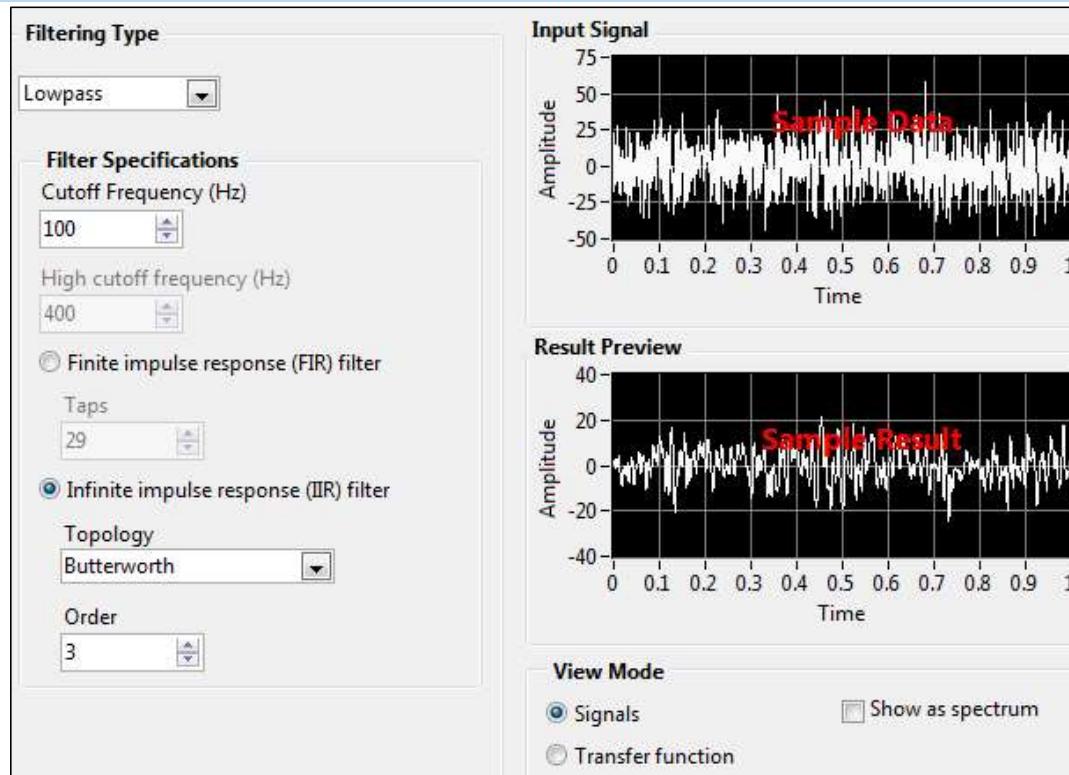
Sample configuration
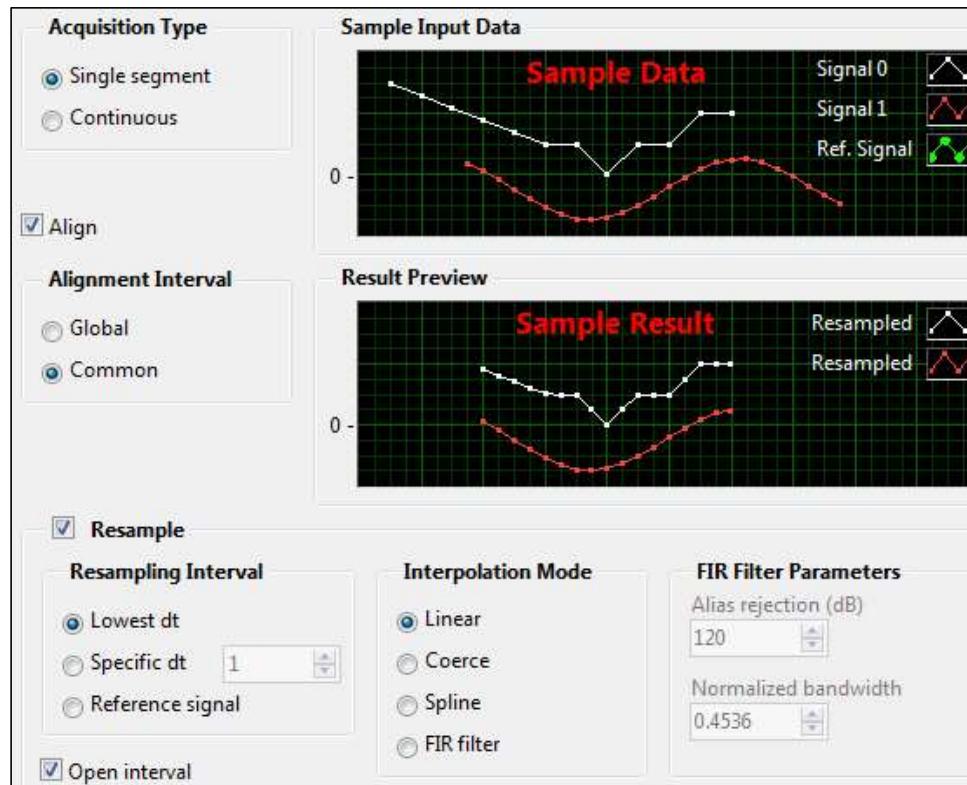
Spectral analysis VIs
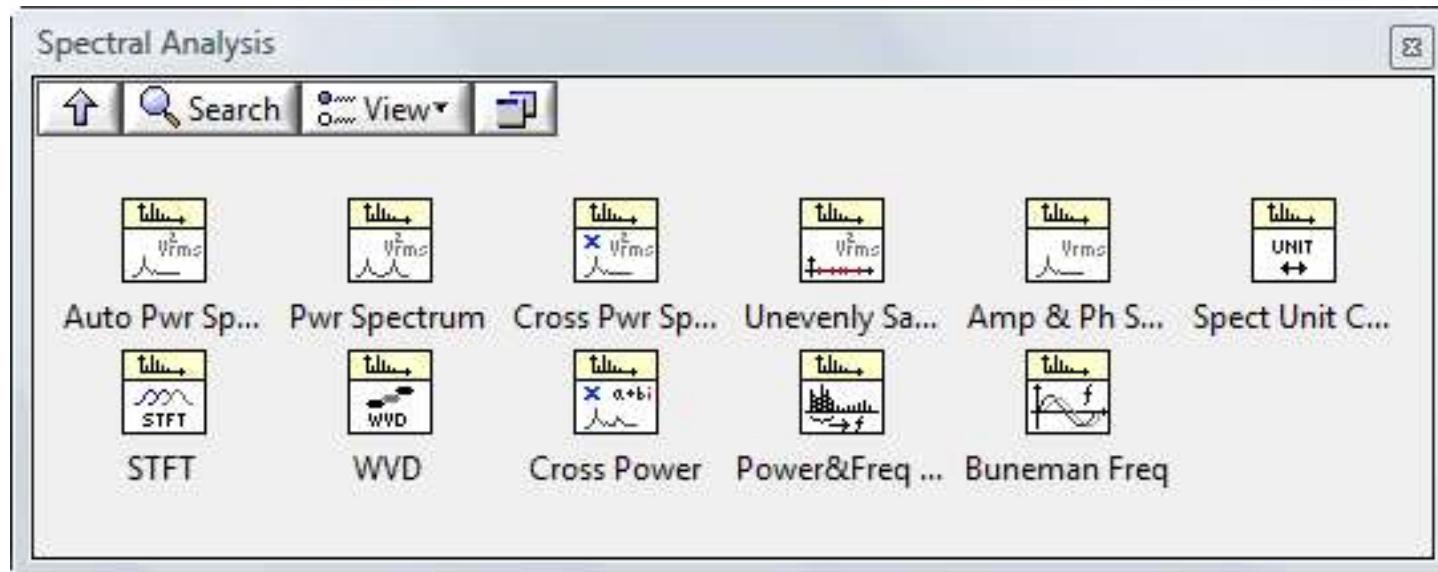
Auto Power Spectrum VI
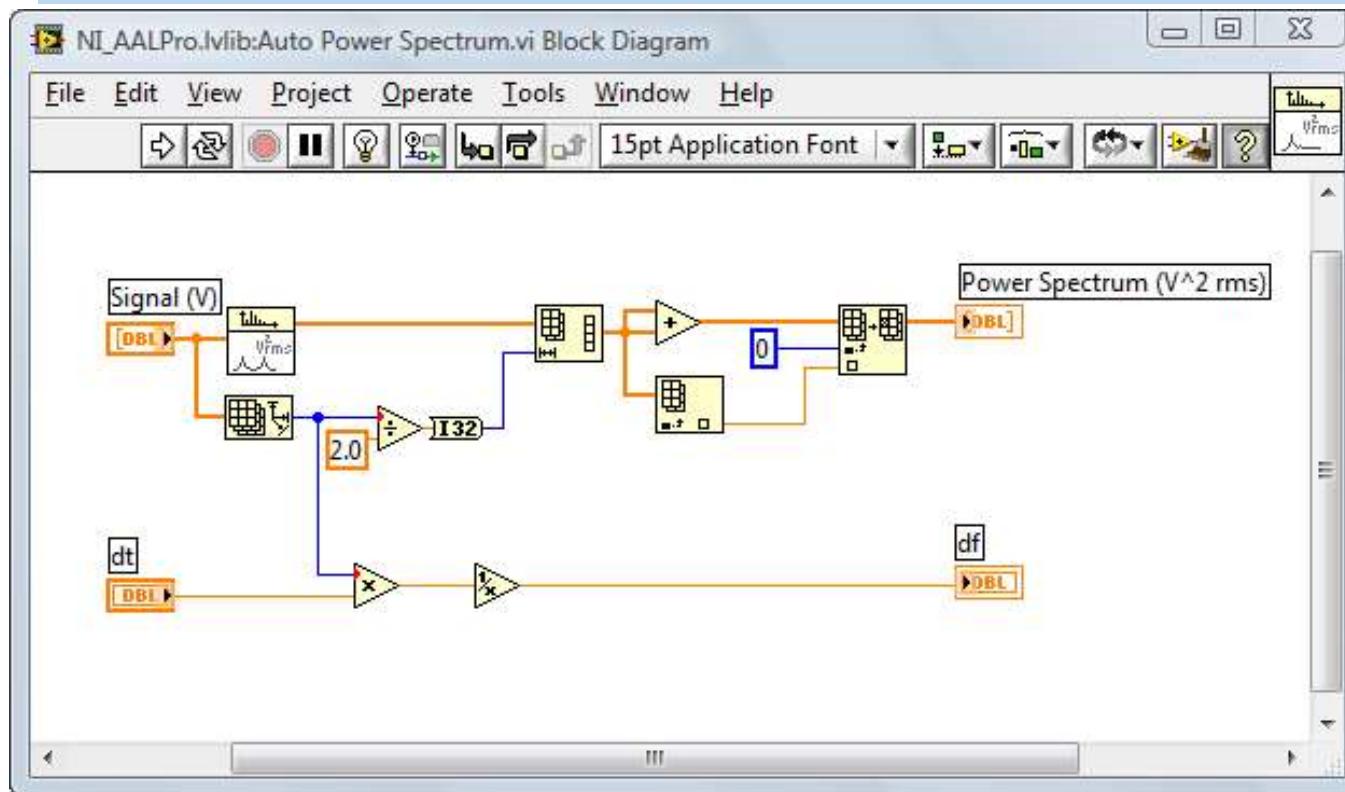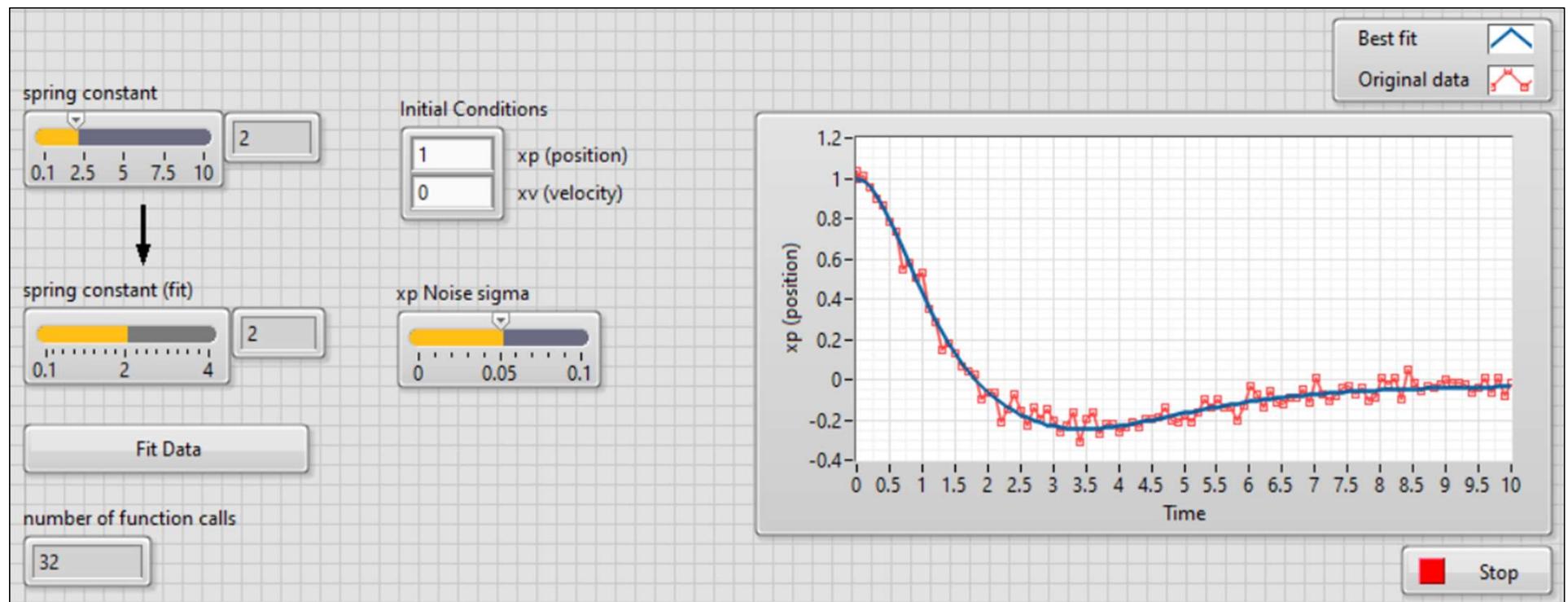
# Example: Nonlinear spring constant fit

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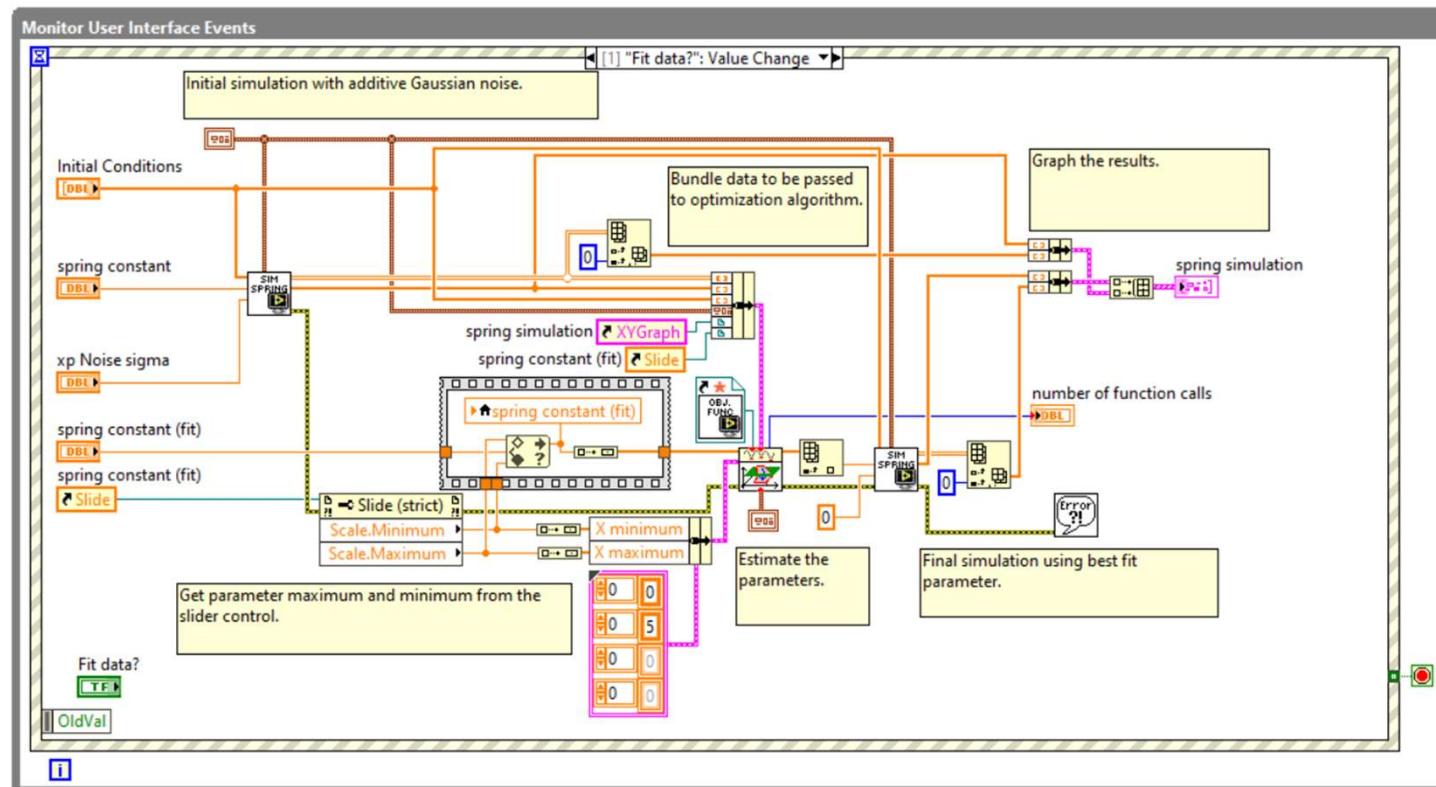
Example: Train wheel detection
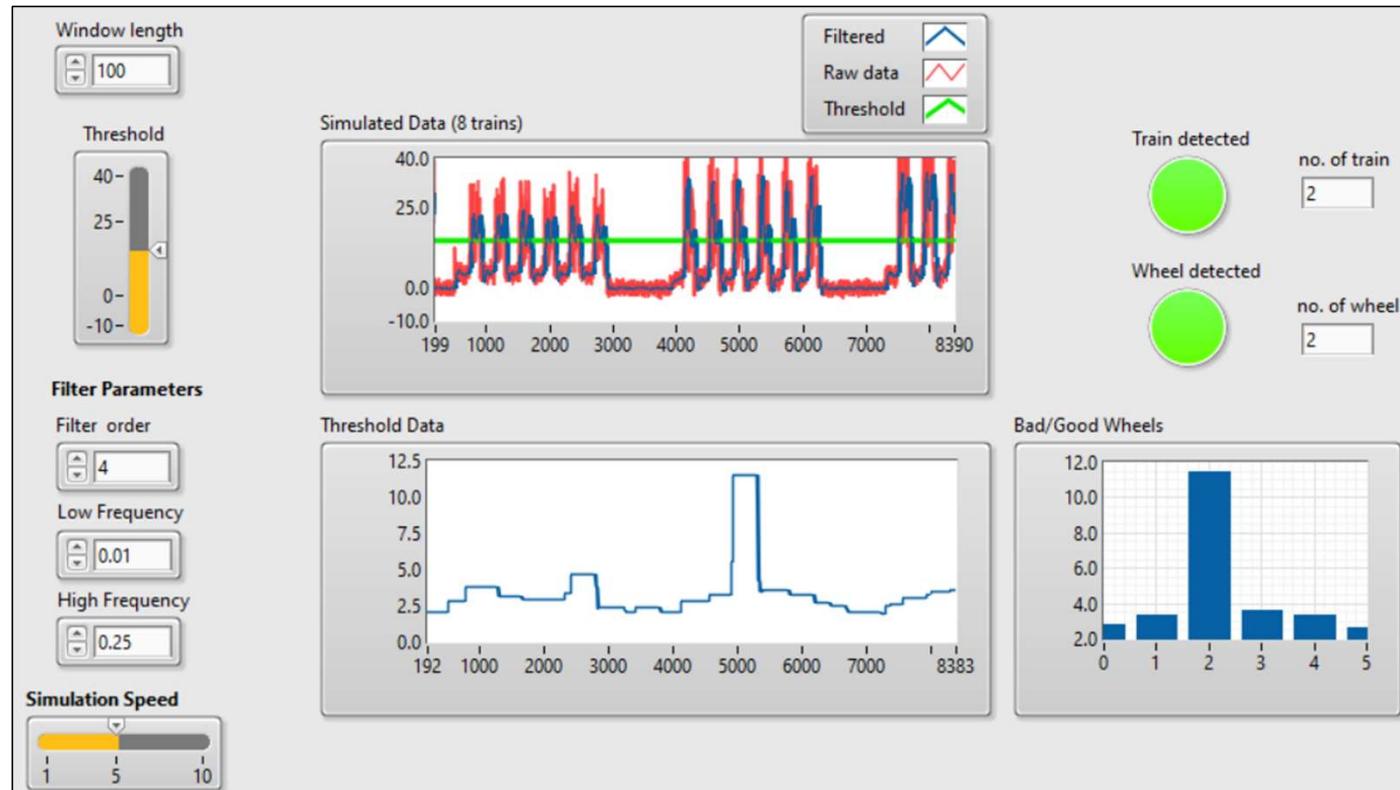
Example: Power spectrum