## Setup a Post Analyzer test

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Before starting, a file with recorded data in the form of .atfx, .csv, or .txt should be accessible to add into EDM.

In the beginning, you will see the New Project Wizard window.

- 1. Choose your project type, and click **Next**.
- 2. Insert your project name, and click Add single source file to add your source file
- 3. Click the checkboxes under the file just added to be included in the analyzation, and click Next
- 4. Choose the signal types to be computed

New Project Wizard		×
Select a project type	for analysis	
	Project type	_
FFT Spectral Analysis	The FFT Spectral Analysis is to use applications of the digital signal processing theory for input	
Octave and Acoustic Analysis	channel signals with the option to enable Data Conditioning. Data Conditioning allows mathematical operations to be performed on the time streams from the data source or sources.	
Order Tracking	These operations include arithmetic, integration, differentiation, and filtering.	
Orbit Plot	FFTSpee(CM) * * Mag g (Frank)	
Sine Reduction		
Basic Signal Conditioning		
Sound Power Measurement from Sound Pressure		
OVibration Intensity		
© Fatigue Damage Spectrum		
Shock Response Analysis		
O Decay Rate Calculation	Top         Top <thtop< th=""> <thtop< th=""> <thtop< th=""></thtop<></thtop<></thtop<>	
	Next > Cance	

New Proj	ect Wizard								×
Enter project information and select data source file									
	Project information						_		
Project	t name	Spectral							
Project	description				🔲 Create pr	roject by using a te	emplate	2	
				Ten	plates				5
Select	Project nar	ne	Description						
									J
				Select dat	a source file				
								Tips	
								Press [Add single source file] button to add one or more	
								files with the same structure.	
								one.	
									1
						Add single s	ourcef	(Browse and drag files from <u>Data File Browser</u> )	
						<	Back	Next > Cancel	

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New Proje	ect Wizard				×
Enter project information and select data source file					
Project information					
Project	name	Spectral			
Project	description			Create project by using a te	mplate
			Ten	nplates	
Select	Project nan	ne	Description		
			Select dat	a source file	Tips
	CO120_PA1	.attx 🗶	1024 Sampling rate = 5.12 kH	Iz Duration =0.2 (s)	Press (Add single source file)
•	Block(Ch	n2), Block size = 1	1024 Sampling rate =5.12 kH	Iz Duration =0.2 (s)	files with the same structure.
4 🖓 SI	G0010.atfx	ive), Block size =	1024 Sampling rate = 5.12 k	Hz Duration =0.2 (s)	PA can analyze them one by one.
. 🗵	C Block(Cł	n1), Block size = 1	1024 Sampling rate =5.12 kH	Iz Duration =0.2 (s)	
	Block(C)	h2), Block size = 1 h3) Block size = 1	1024 Sampling rate = 5.12 kH 1024 Sampling rate = 5.12 kH	Iz Duration =0.2 (s)	
. 2	Block(dr	ive), Block size =	1024 Sampling rate =5.12 k	Hz Duration =0.2 (s)	<b>,</b>
	10 BL 1/0	01 01 1	1004 C 10 C 1011		
				Add single s	(Browse and drag files from Data File Browser)
				-	Back Next > Cancel

New Project Wizard	×
Please check the signal types to be computed	
FFT analysis opti	ons
Z APS: Auto-power Spectra	
E FFT: Linear spectra	
CPS: Cross-power Spectra	
FRF: Frequency Response Function	
SRS: Shock Response Spectra	
AutoCorr: Autocorrelation (Cross-correlation)	
Demod: Demodulation spectrum	
Cepstrum	
Select all	
	< Back Finish Cancel

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