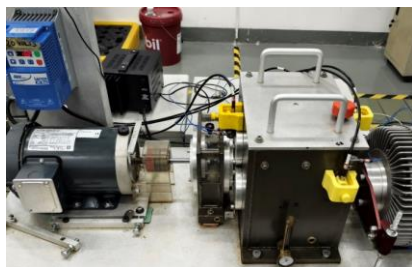
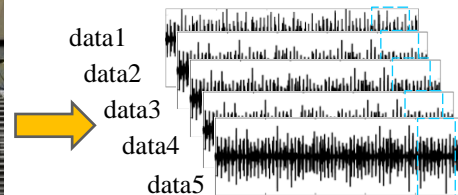


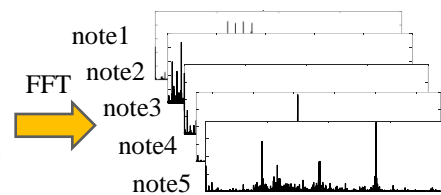
# Data preprocessing



Vibration Signals Collection

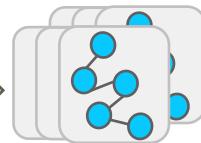


Time Spectrum



Frequency Spectrum

PathGraph



Graph Set

# Fault diagnosis model

