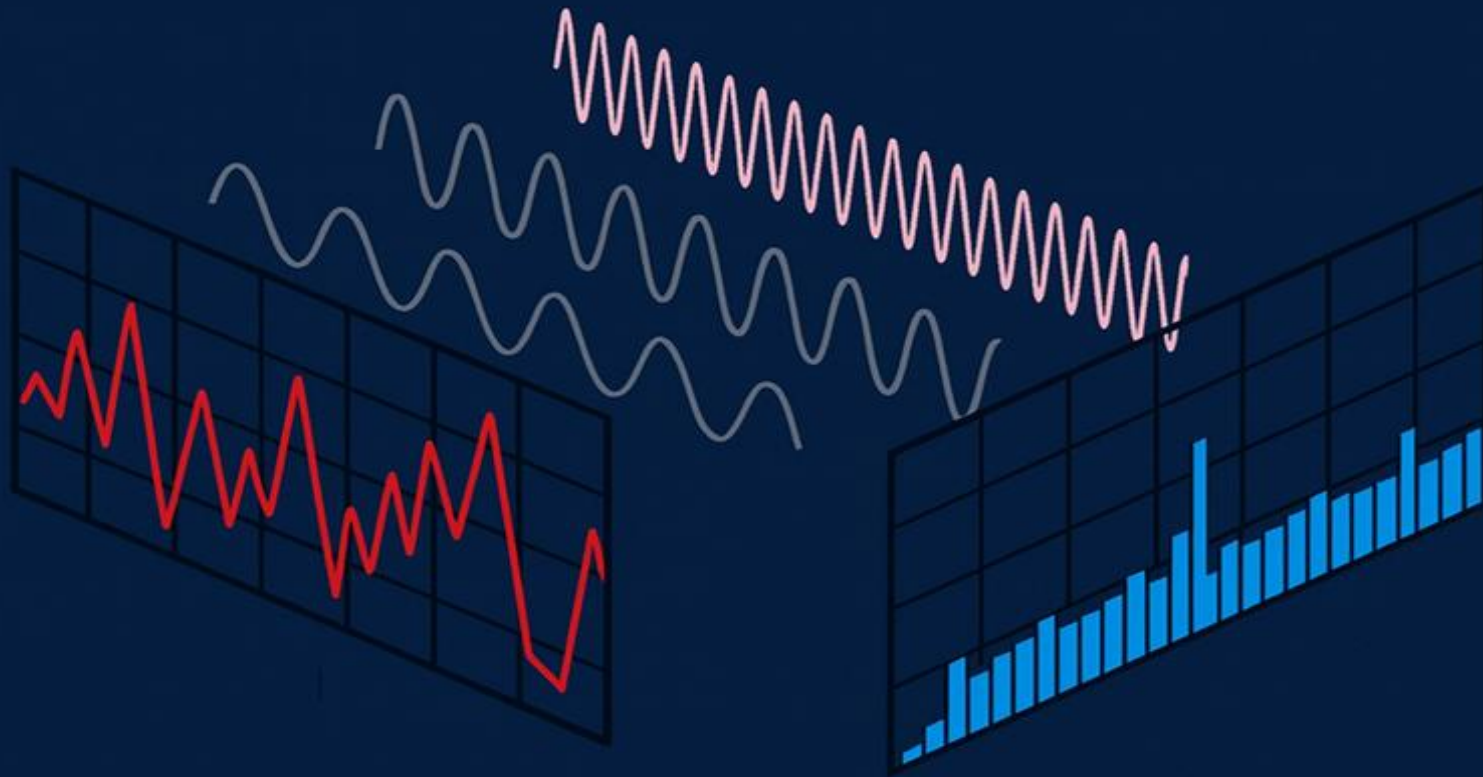


# ARM DSP Core

DSP Enhanced arm M4 FFT



# Topics

- Time-domain / Frequency-Domain
- Recap of DFT and FFT
- Building a Frequency Decomposition Machine
  - DFT
  - FFT by means of periodicity and symmetry
- The butterfly and its cost
- Memory constraints – in place DIT
- Implementation
- What to expect
- Leakage and windows

