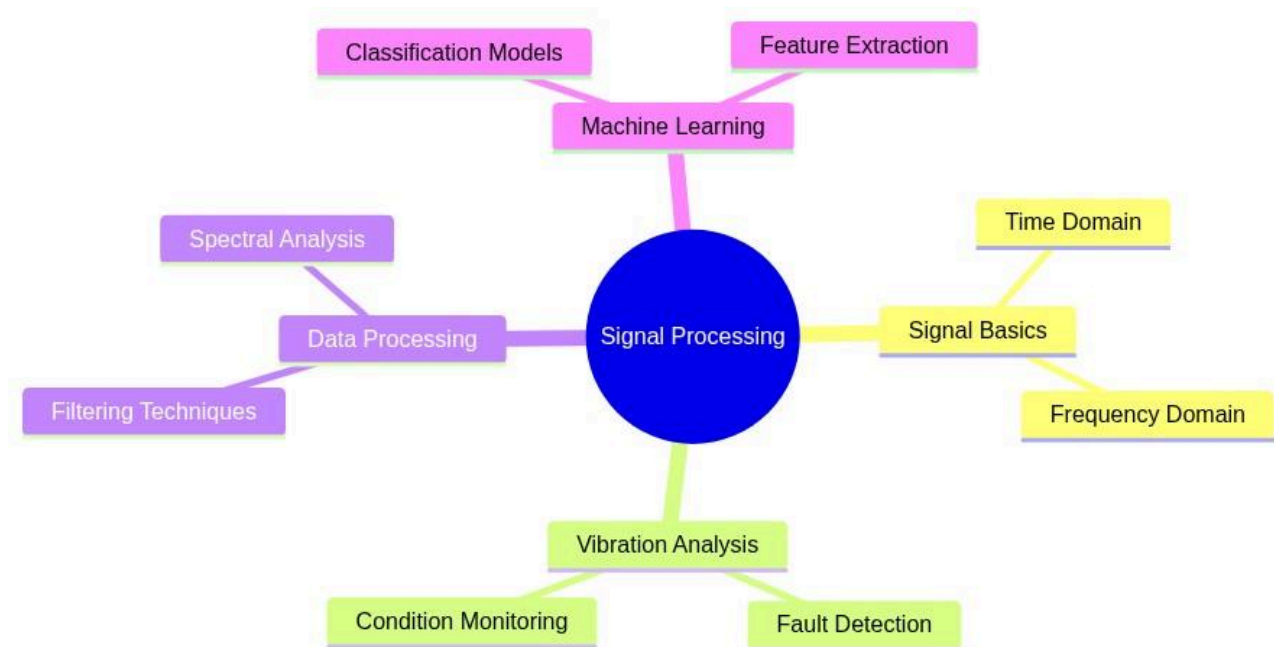


Vibration-Based Condition Monitoring

Signal Processing



```
mindmap
  root((Signal Processing))
    Signal Basics
      Time Domain
      Frequency Domain
    Vibration Analysis
      Fault Detection
      Condition Monitoring
    Data Processing
      Filtering Techniques
      Spectral Analysis
    Machine Learning
      Classification Models
      Feature Extraction
```