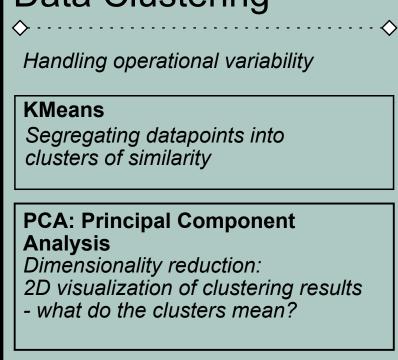
## Signal Processing **Vibration Analysis** How to interpret vibration data? Extracting information from vibration signals Which information can be obtained **Fourier Transform** by a vibration signal? Rich information with high computational cost **Digital Filters** Simple information with low computational cost **Data Clustering Anomaly Detection** Is everything "normal" or is there Handling operational variability



Anomaly Detection

Is everything "normal" or is there something off?

MVGD: Multi-Variate Gaussian Distribution
How "normal" is the current state of the machine?