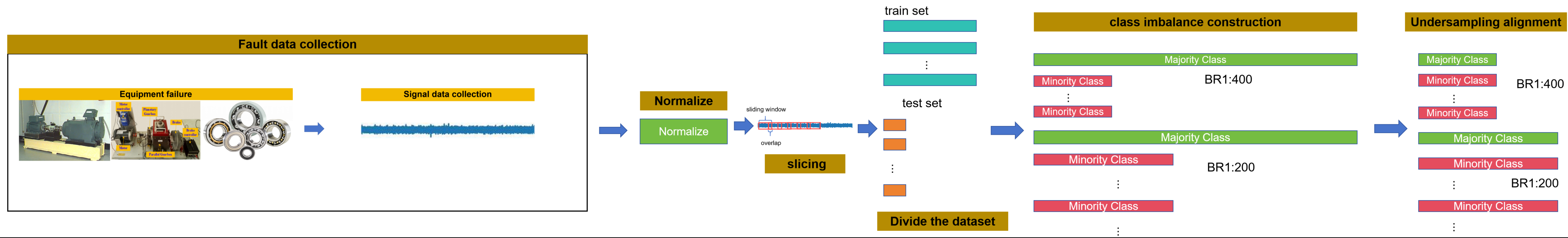
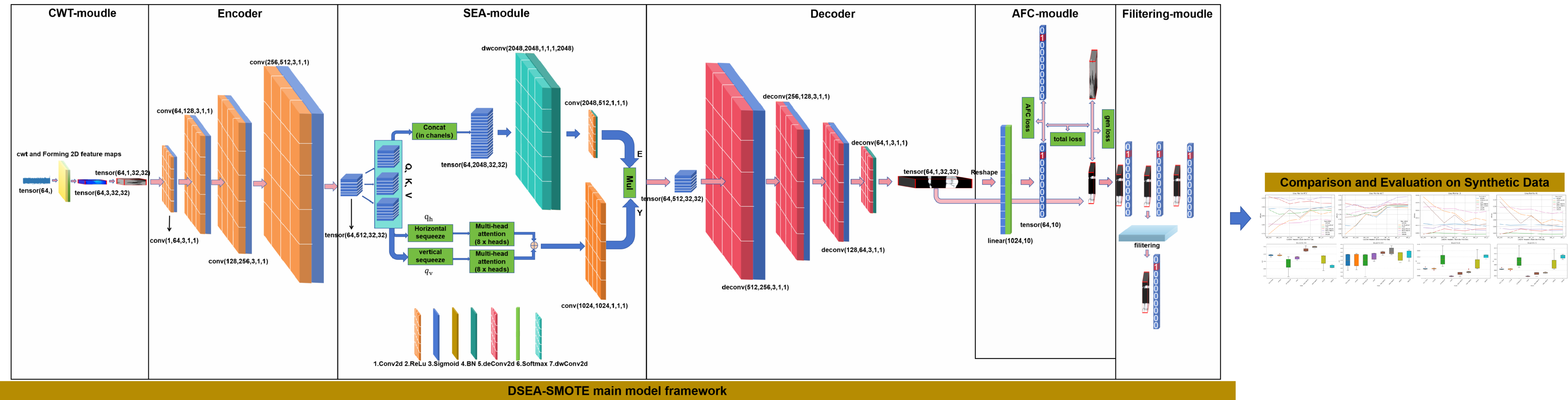


## Data preprocessing-part



## Sample synthesis and collection-part



## Expand and balance the dataset, train and test the classifier-part

