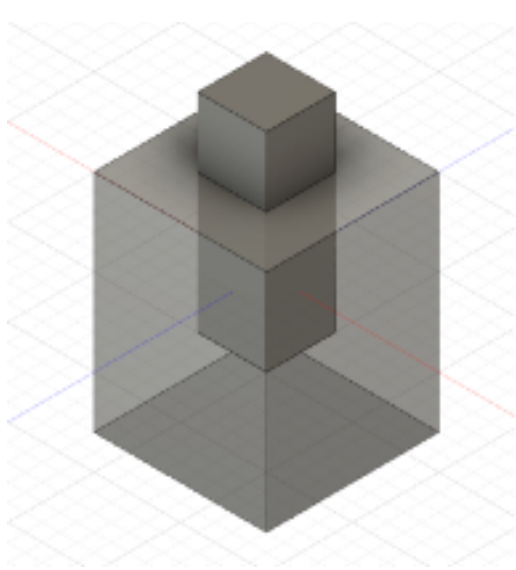
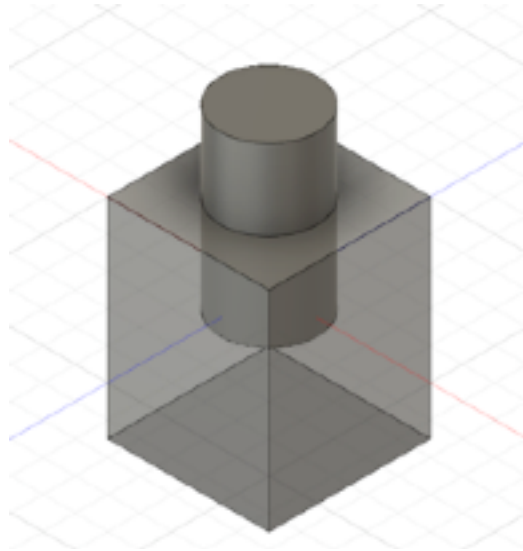


## Data Representation for Machine Learning

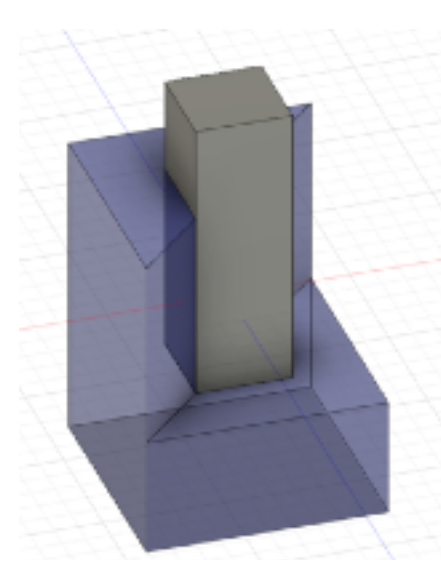
Each Assembly Path is converted into a bit map



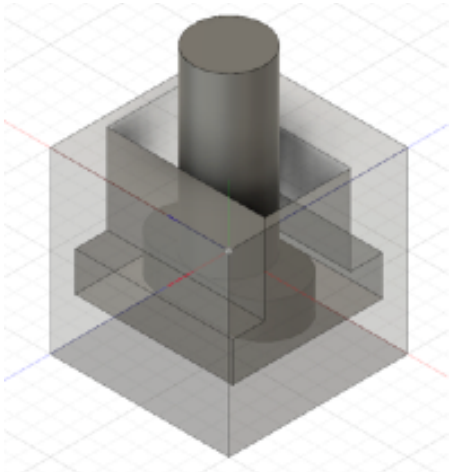
Squared Peg-n-Hole



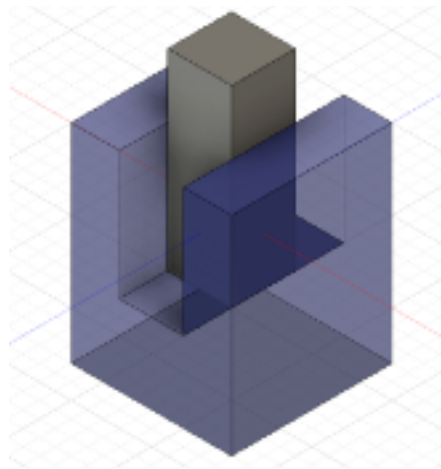
Round Peg-n-Hole



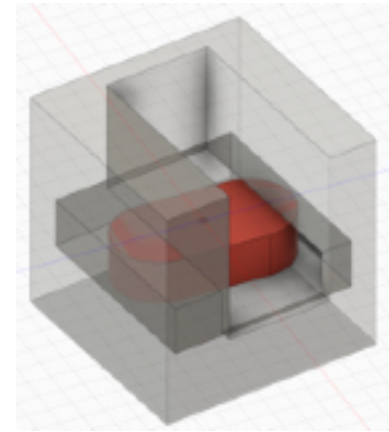
Corner Placement



Twist



Slot Placement



Slide-Twist Placement

## Some Common Assembly Operations