**RANSAC (Random Sample Consensus)**

It fits a regression model to a subset of the data, the so-called inliers

Steps:

1. Select a random number of samples to be inliers and fit the model
2. Test all other data points against the fitted model and add those points that fall within a user-given tolerance to the inliers
3. Refit the model using all inliers
4. Estimate the error of the fitted model versus the inliers
5. Terminate the algorithm if the performance meets a certain user-defined threshold or if a fixed number of iterations has been reached; go back to step 1 otherwise

