Exercise on RANSAC

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In this exercise, you will work on RANSAC for line estimation and plane estimation.

1 RANSAC

- Read supplementary docs on RANSAC.

- Implement 4 main routines for RANSAC:

  1. random sampling a minimum set.
  2. estimating model parameters.
  3. compute consensus.
  4. update iteration.

- Try your RANSAC with line and plane data.

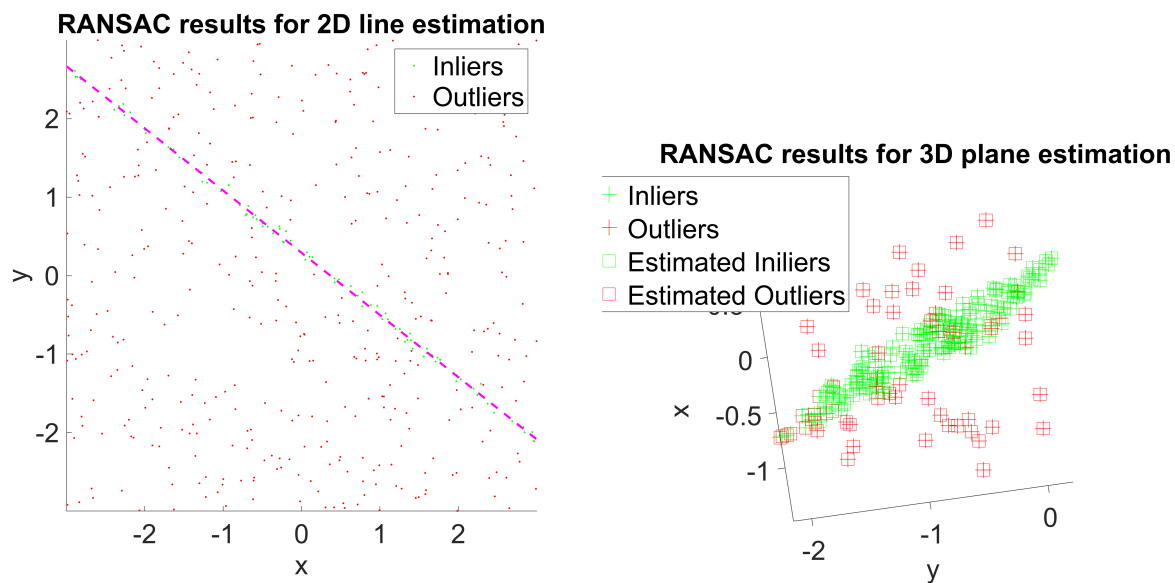**It is a good idea to organize your code as separate functions which can be reused.**

Figure 1: Example of RANSAC based line and plane estimation results.