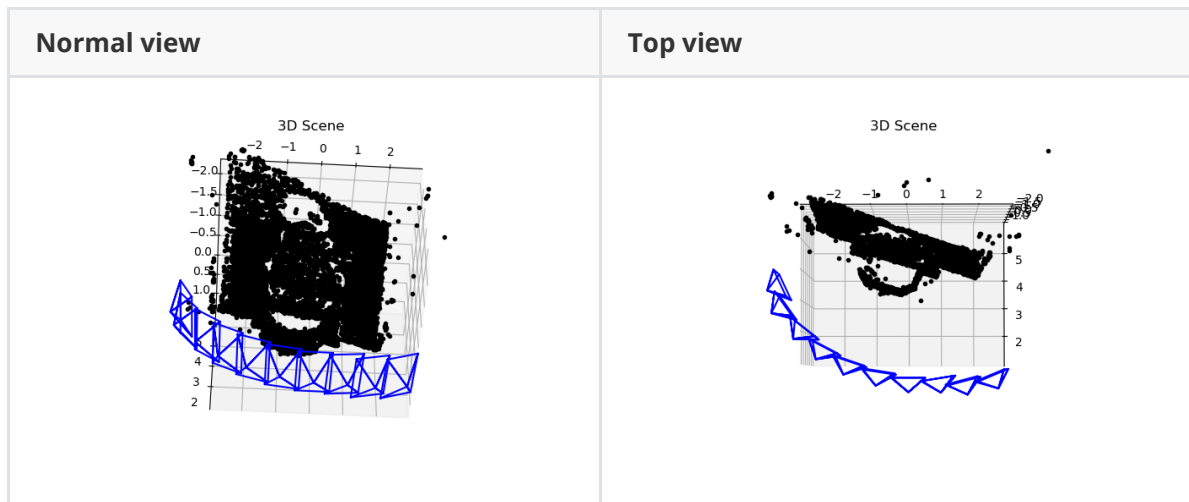


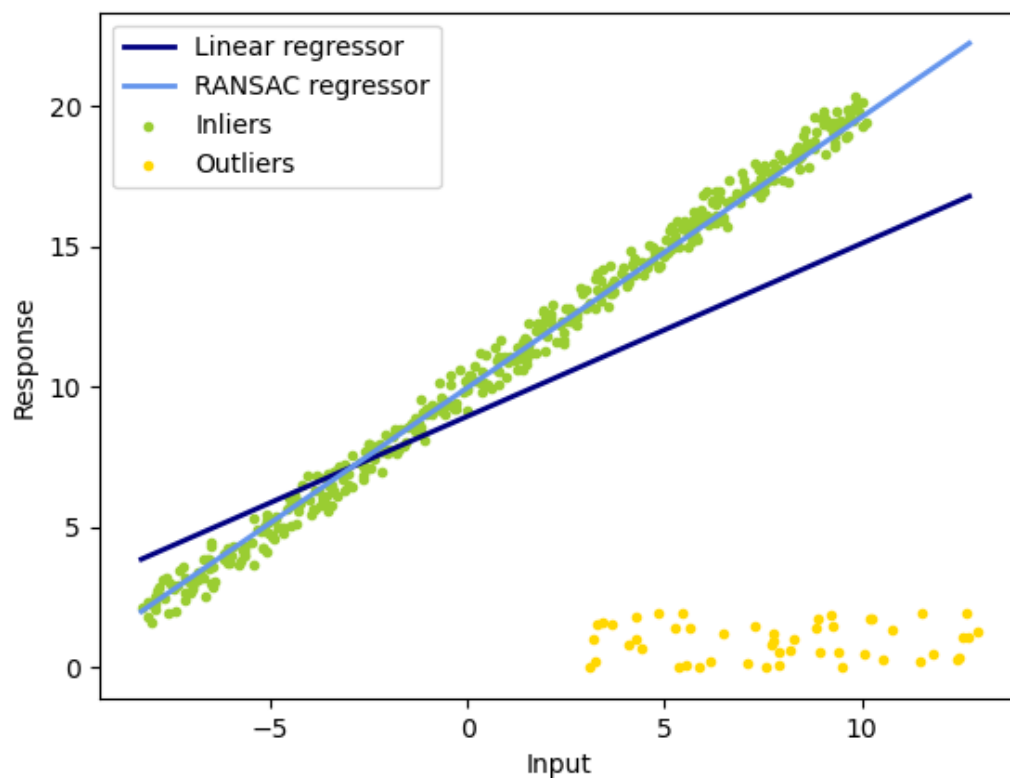
Report for Lab exercise 7 for Computer Vision

Structure from Motion

Results:



Model Fitting(Line Fitting)



Estimated coefficients (true, linear regression, RANSAC):

| | Ground truth | Estimation from least-squares | Estimation from RANSAC |
|--|--------------|-------------------------------|------------------------|
|--|--------------|-------------------------------|------------------------|

| | Ground truth | Estimation from least-squares | Estimation from RANSAC |
|---|--------------|-------------------------------|------------------------|
| k | 1 | 0.6159656578755456 | 0.9643894946568982 |
| b | 10 | 8.961727141443642 | 9.98292129496683 |