Dep. Variable:
 y
 Log-Likelihood:
 -6014.7

 Model:
 MLE\_for\_OLS
 AIC:
 1.204e+04

 Method:
 Maximum Likelihood
 BIC:
 1.206e+04

 Date:
 Thu, 05 Sep 2019

 Time:
 15:31:09

 No. Observations:
 1000

 Df Residuals:
 996

|                  | $\mathbf{coef}$ | $\operatorname{std}$ err | ${f z}$ | $\mathbf{P} >  \mathbf{z} $ | [0.025  | 0.975]  |
|------------------|-----------------|--------------------------|---------|-----------------------------|---------|---------|
| $\mathbf{const}$ | -2.8255         | 6.242                    | -0.453  | 0.651                       | -15.060 | 9.409   |
| x1               | 9.7119          | 0.261                    | 37.282  | 0.000                       | 9.201   | 10.223  |
| x2               | -0.5823         | 0.054                    | -10.757 | 0.000                       | -0.688  | -0.476  |
| x3               | 0.2545          | 0.013                    | 19.410  | 0.000                       | 0.229   | 0.280   |
| $\sigma$         | 99.0619         | 2.227                    | 44.475  | 0.000                       | 94.696  | 103.427 |