1. I made 1000 Linear Regressors using ensemble.BaggingRegressor, which were fitted by bootstrap samples of size 0.7*dataset_size. Then I estimated mean, median and an error of your estimation of y. In the next step I got confidence intervals for coefficients in linear regressors.
2. I splitted time series into blocks and to use block bootstrap procedure. Every time when I estimated coefficients, I stitched blocks to list of time series, transformed list of bugs/date to total bugs by day, and estimated coefficients using optimize.curve_fit. I chosed logistic function as the most similar to original plot.