

Assignment 2

Step 1.

The following is the list of bugs and features we have selected:

1. **Bug:** Sequential forward selection - unsupervised fit_transform bug
<https://github.com/scikit-learn/scikit-learn/issues/19538>
2. **Bug:** RANSAC - perfect horizontal line generate an exception
<https://github.com/scikit-learn/scikit-learn/issues/19497>
3. **Bug:** PolynomialFeatures doesn't work correctly when degree=0
<https://github.com/scikit-learn/scikit-learn/issues/19551>
4. **Bug:** ColumnTransformer treats empty arrays differently depending on their representation
<https://github.com/scikit-learn/scikit-learn/issues/19550>
5. **Feature:** Poisson criterion in RandomForestRegressor
<https://github.com/scikit-learn/scikit-learn/issues/19304>