Get a data set for Polynomial Regression. Ensure the dataset contains multiple independent variables that can be transformed into polynomial features.    
Apply Polynomial Regression on the dataset using the four feature selection methods.

* Backward Elimination
* Forward Selection
* Bidirectional Selection
* Keep All  Variables

 Compare the models based on performance metrics such as R², Adjusted R². **Handwritten Analysis:**

* Compare the attributes finalized by all three elimination methods.
* Compare the results with the regressor model that includes all variables.
* Compare the slopes/coefficients of all variables across the different methods.