

1. Take one of the supervised learning models you have built recently and apply at least three dimensionality reduction techniques to it (separately). Be sure to create a short summary of each technique you use. Indicate how each changed the model performance. Reference:
<https://machinelearningmastery.com/dimensionality-reduction-algorithms-with-python/>
2. Write a function that will indicate if an inputted IPv4 address is accurate or not. IP addresses are valid if they have 4 values between 0 and 255 (inclusive), punctuated by periods.
Input 1:
2.33.245.5
Output 1:
True

Input 2:
12.345.67.89
Output 2:
False