Game success prediction

Team members:

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Featear selection using correlation heat map

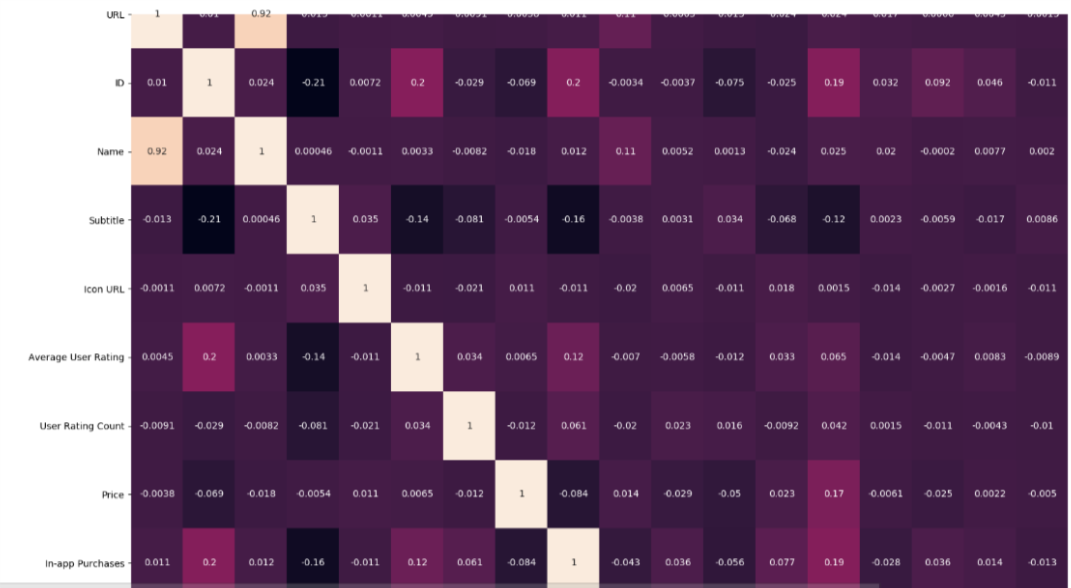
Drop unneadded coulmns

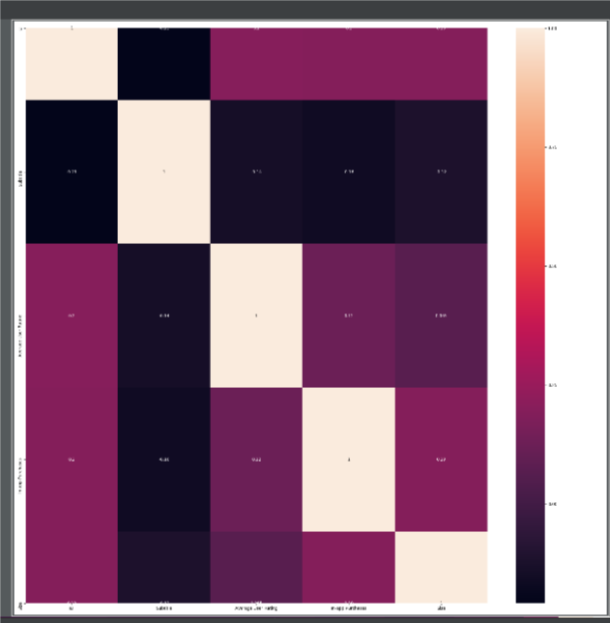
Drop empty cells in features size, in-app-purchses, sub-title, ID

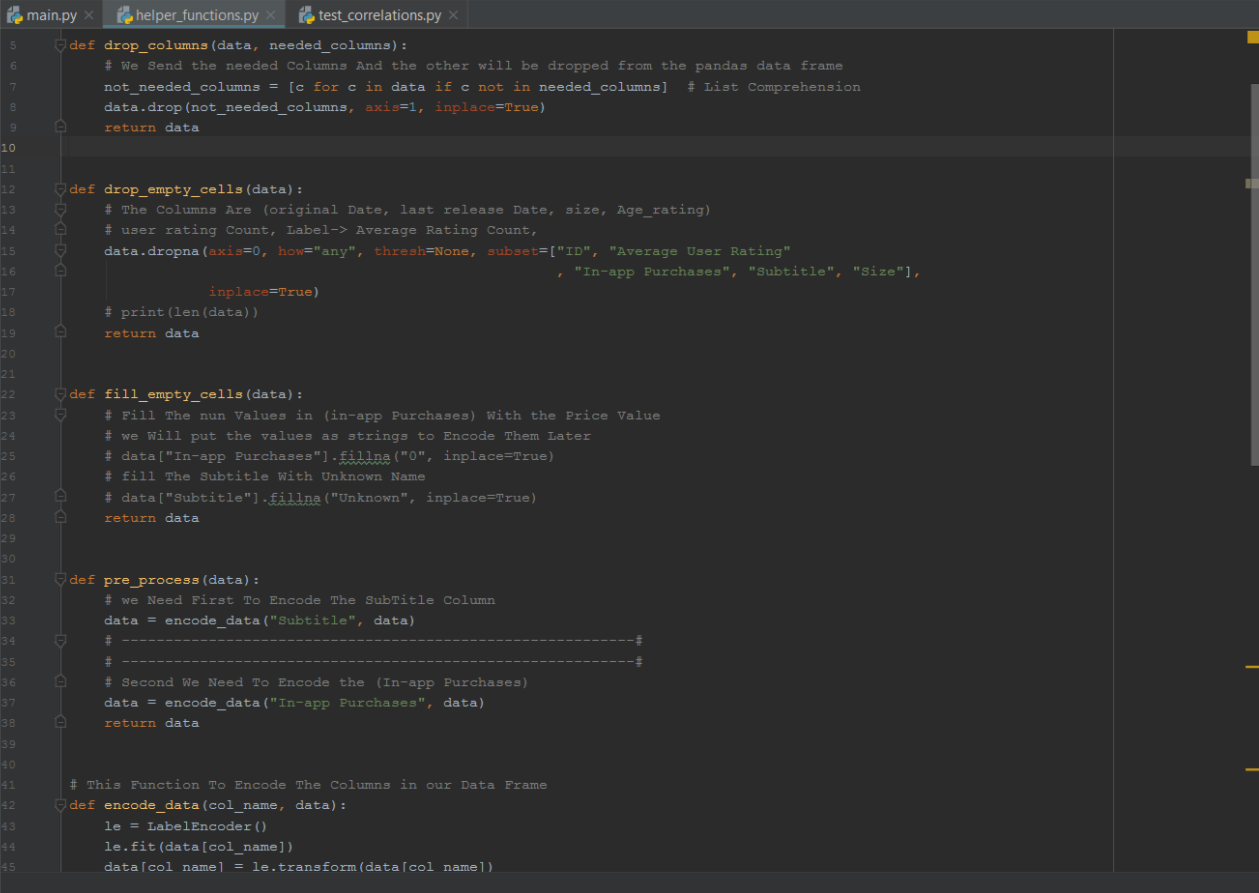
Encode in-app-purchses, sub-title using lable encoder to transform them from strings

To numbers

Globle corolation



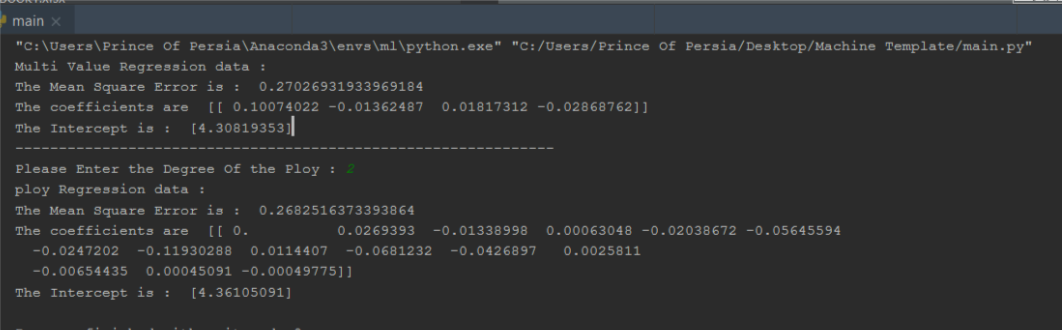




then we used two modules multi-features-regression and polynomial-regression

multi-features using the linear features

polynomial-regression using features to the power of the degree which the user will input

polynomial-regression with higher degree more than 2 will cause over-fitting

According to the corelations we drop all columns except size, sub-title, in-app-purches, ID and lable that is in average user ratting