Statistical Analysis and Description

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In this report, we want to describe some general information about this project .

1 The general nature of the problem

- Title of Database : Ailerons

- Sources: Experiments of Rui Camacho (rcamacho@garfield.fe.up.pt)

- Description :This data set addresses a control problem, namely flying a F16 aircraft. The attributes describe the status of the aeroplane, while the goal is to predict the control action on the ailerons of the aircraft

2 The explanatory variables available

Our data has totally 13750 instances and 40 variables . All of them are continuous.

3 The target variable and its link to the explanatory variables