# Medical Cost Personal Datasets

## Insurance Forecast by using Linear Regression

## Content

**Columns**

* age: age of primary beneficiary
* sex: insurance contractor gender, female, male
* bmi: Body mass index, providing an understanding of body, weights that are relatively high or low relative to height,  
  objective index of body weight (kg / m ^ 2) using the ratio of height to weight, ideally 18.5 to 24.9
* children: Number of children covered by health insurance / Number of dependents
* smoker: Smoking
* region: the beneficiary's residential area in the US, northeast, southeast, southwest, northwest.
* charges: Individual medical costs billed by health insurance