

Statement

A Medical Insurance Company Has Released Data For Almost 1400 Customers. Create A Model That Predicts The Yearly Medical Cover Cost. The Data Is Voluntarily Given By Customers. The Dataset Contains Health Related Parameters Of The Customers. Use Them To Build A Model And Also Perform EDA On The Same. The Premium Price Is In INR(₹) Currency And Showcases Prices For A Whole Year.

Create a new column using BMI to categorize the data into this following scale (refer the attached table)

- 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.
- children: Number of children covered by health insurance / Number of dependents
- smoker: Smoking
- region: the beneficiary's residential area, northeast, southeast, southwest, northwest.
- charges: Individual medical costs billed by health insurance