

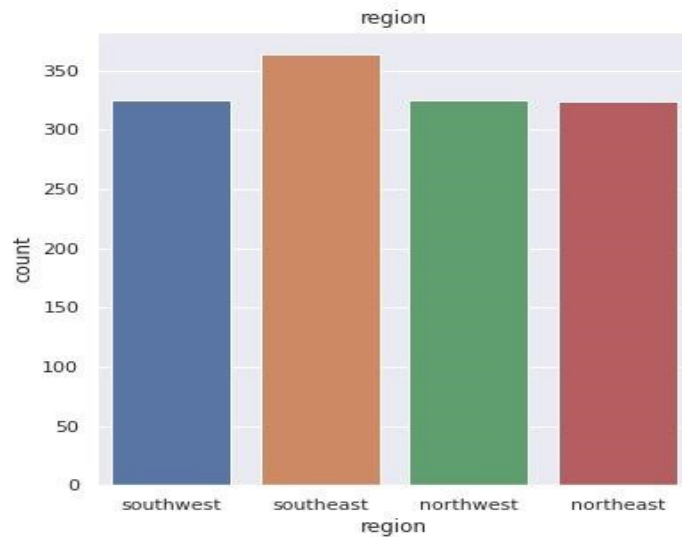
HEALTH INSURANCE PREMIUM PREDICTOR

HACKATHON PROJECT

TEAM 20

Factors on the basis of which our software predicts the Premium of insurance policy:

1. Region



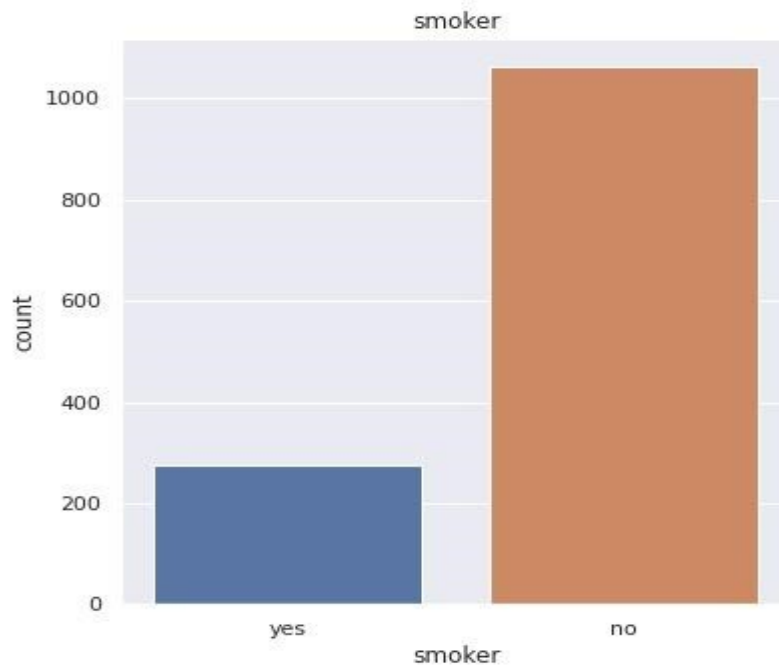
Healthcare expenditure is highest in the Northern regions as compared to the southern regions.

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2. Smoking



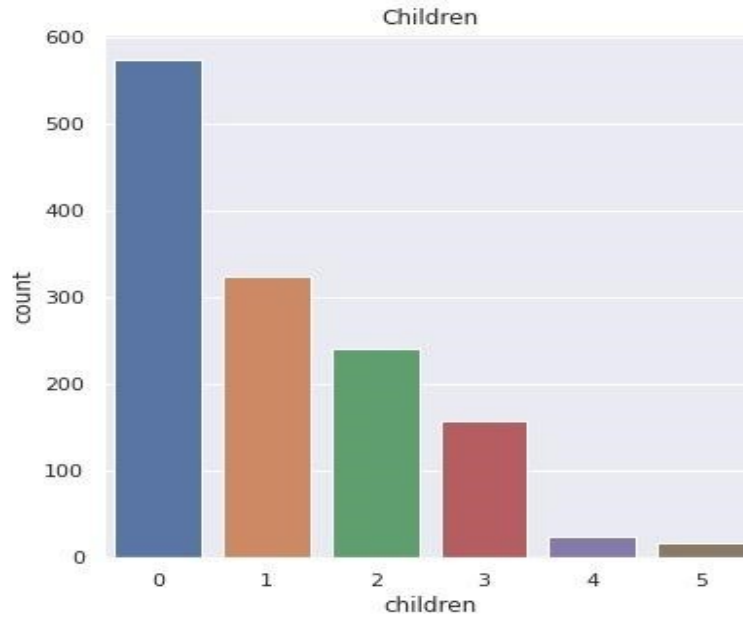
Being a smoker significantly increases our insurance premium as smoking has an adverse effect on our body which makes them vulnerable to a lot of health problems that non-smokers aren't.

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3. Number of children



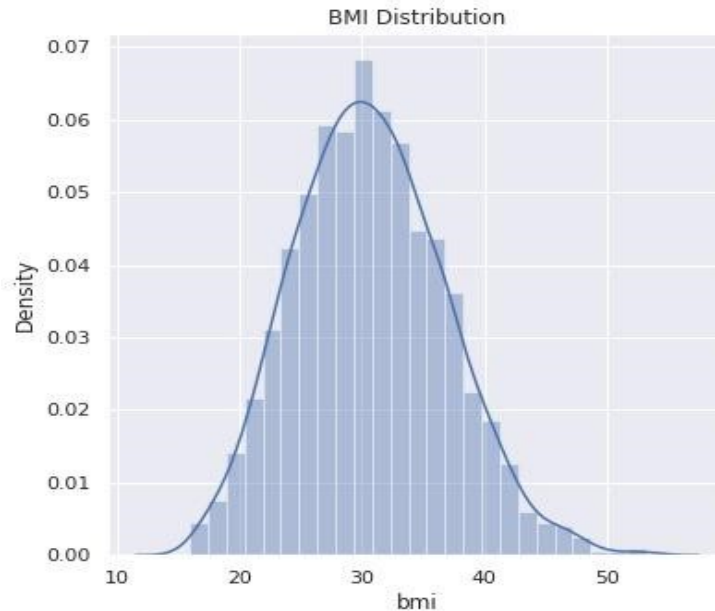
Each child is a dependent and hence increases the premium.

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4. BMI



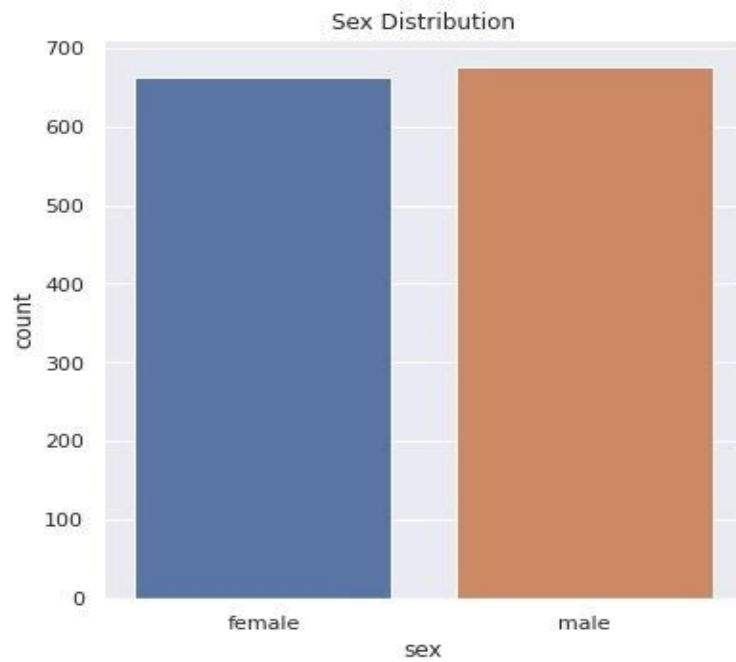
BMI in the extremes i.e very high or very low is considered unhealthy which makes people at high risk of catching a disease hence increases the premium. In average range of BMI its value increases with increase in BMI.

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5. On the basis of sex

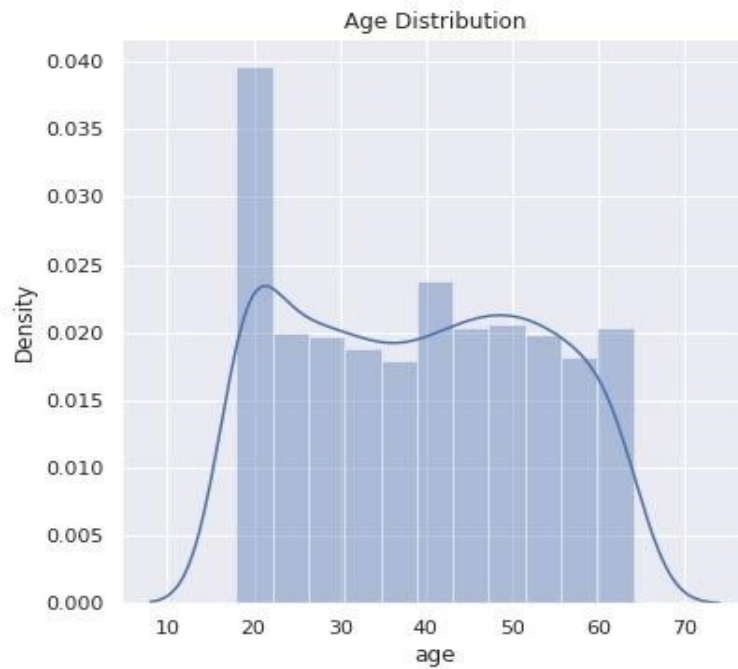


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6. Age



Higher the age higher the insurance premium as with increase in age people develop more diseases and also become prone to many others.