A blue and red squares

Description automatically generatedPLOTTING

**Strong Correlation**- There is a strong positive correlation between smokers and charges indicating the smokers typically generates higher costs.

**Moderate Correlation –** A moderate positive correlation exists between the age and charges indicating the charges, although not as strong as charges from smokers, tends to increase as age increases.

**Weak Correlation –** BMI has a weak correlation with charges. This implies that higher BMI may slightly increase the charges.

Minimal Impact-The number of children and region has a very minimal impact on the charges indicating that their effects are almost nonexistent.