

# MPG Analysis

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## Summary

The goal of this study is to check whether automatic transmission has an impact on MPG in cars. We have a dataset of 32 cars with 11 measurement of them such as MPG, weight, displacement etc. We use regression analysis to check for the impact of transmission type.

At the end we will see that, although it seems at the first look that automatic transmission decreases MPG but this is not an statistically meaningful conclusion.