MPG Analytics

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MPG Analysis

Using a online dashboard will eliminate the need for distributing files and reduces the potential of errors in replication. This app is a proof of concept for a simple scenario exemplifying the relationship between car weight, number of cylinders and MPG. All inputs can be adjusted and changed. All output are fully reactive.

MPG Analysis

- Adjustable Inputs:
 - Input 1 = Engine displacement (default 300)
 - Input 2 = Number of cylinders (default 6)
- Checkbox:
 - Linear regression model (show/hide)
- Results:
 - Linear regression trend analysis of weight to MPG identifying number of cylinders

MPG Analysis - R Code

MPG Analysis - Graph

