



# **R Homework Linear Regression WEEK 10**



Data Science  
Academy

HOMework



**Disclaimer: Dataset and homework are made up for educational purposes.**

**Answer following questions:**

1. Add ggplot2::mpg dataset.
2. Make data ready for analysis doing preprocessing techniques.
3. Fit Generalized Linear Model using H2O in R.
4. Run GLM using following modelling structure.  $cty \sim year + cyl + displ$ .
5. Print coefficients table and give interpretation of results.
6. Name your final homework Script as "Fuel\_Economy\_Data\_Analysis".

**Complete your homework with following tasks:**

1. Create a new folder and add your Script to this folder, then add and make commits of your changes.
2. Create repository named "Fuel\_Economy\_Data" in your Github account.
3. Push your homework Script to this repository.
4. Fork other users' repositories, make changes as needed and make pull requests.