

**Dataset 50 startups**

# Dataset50Startups

**4 goals** (after checking for outliers and missing data)

- 1. Profit** as response variable and **R&D expenditure** as predictor.  
Find the best model (alternatives are simple linear regression and polynomial regression)
  - 2. Profit** as response variable and **Admin expenditure** as predictor.  
Find the best model (alternatives are simple linear regression and polynomial regression)
  - 3. Profit** as response variable and **Mktg expenditure** as predictor.  
Find the best model (alternatives are simple linear regression and polynomial regression)
  4. Find the best predictor for **Profit**
  5. Apply the function *step* to find the best subset of predictors.
- Finally, try to write a brief report

# **Dataset50Startups**

***Send the report to***

***[giovanni.deluca@uniparthenope.it](mailto:giovanni.deluca@uniparthenope.it)***

***by Monday!***

***The report summarizes your analysis, is full of graphs, and does not contain R commands.***