



# Genetic Programming (TP)



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# Symbolic Regression

- Inside file **gp-symbolicRegression.py**
  - Example of symbolic regression
  - Try it out, look at the results
  - Try to improve performance

$$y = x * \sin(2x) - \sin(2x)$$

$$y = (x - 1) * \sin(2x)$$

# Symbolic Regression (SERIOUS)

- Now, open Eureqa Formulize in your VM
  - Same data
  - Try it out
  - Notice the solution they used for bloating!

