



The goal of this PW is to discover the function regression process, understand the genetic programming algorithm and initiate to learning/prediction models.

This PW statement is provided with a NetBeans (java) project called PW2.

The dataset used to train the GP model for the function regression is provided in the project as PW2/Source Packages/<default package>/regression.txt.

1. Open the file regression.txt in NetBeans window and observe the dataset. Guess the function expression to be learned.
2. Run the program and comment the results.
3. Extract from the source all GP parameters.
4. Introduce a dataset of size 10 for the regression of the function $f(x) = x^2 - 5x + 3$
5. Modify the code to implement the regression of the function $f(x) = e^x + \sqrt{x}$