

OOP Lab-II:

Task 4

Input: algorithm_name.xls file

Problem description:

Considering 7 algorithms and 23 problems domains, 30 independent simulations has been carried out for each problems. The results of an individual algorithm for 23 different problems are recorded in column format and each row of the .xls file represents independent simulation results. The task is to make a decisive conclusion about 7 different algorithms and their performance w.r.t each problem domains.

Hints:

Each column of a .xls format file represents result of an algorithm for a specific problem and all 30 row of a single .xls file represents independent simulation results. You are advised to give conclusive decision about the superior algorithm with respect to each individual problems for example superior algorithm for problem 1 is: alg1..... Superior algorithm for problem 23 is alg5.

Task: Use appropriate python programming tool from python library for better data visualisation.