**Source Code Description for the paper “Cost-Driven Scheduling for Workflow Decision Making Systems in Fuzzy Edge-Cloud Environments” in 《IEEE Transactions on Automation Science and Engineering》**

The folder ‘SWPCP and Other Benchmark Strategies’ mainly consists of our proposed SWPCP and four benchmark strategies (i.e., WSPL, WSGS, WSPG, and WSRS) in our article ‘Cost-Driven Scheduling for Workflow Decision Making Systems in Fuzzy Edge-Cloud Environments’. The specific descriptions for the folder ‘SWPCP and Other Benchmark Strategies’ are as follows.

The files ‘MSNEW - schedule.py’ and ‘Workflow\_preprocess.py’ correspond to the proposed SWPCP in our article, where the Section IV-B describes the proposed SWPCP in detail. The function ‘Merge\_Process’ in the file ‘Workflow\_preprocess.py’ corresponds to the **Algorithm 2** (i.e., Workﬂow preprocess) in the SWPCP. The function ‘assignPCP’ in the class ‘Workflow’ of the file ‘MSNEW - schedule.py’ corresponds to the **Algorithm 4** (i.e., Schedule a PCP) in the SWPCP. The function ‘scheduleAllParents’ in the class ‘Workflow’ of the file ‘MSNEW - schedule.py’ corresponds to the **Algorithm 3** (i.e., Schedule all unscheduled parent tasks of *vi,j*) in the SWPCP. The function ‘main’ calling the function ‘MSPCP’ in the file ‘MSNEW - schedule.py’ corresponds to the **Algorithm 1** (i.e., SWPCP) in the SWPCP.

The folder ‘ProLis’ corresponds to the benchmark strategy WSPL in our article.

The file ‘MSGS - schedule.py’ corresponds to the benchmark strategy WSGS in our article.

The file ‘MSPG - schedule.py’ corresponds to the benchmark strategy WSPG in our article.

The file ‘MSRS - schedule.py’ corresponds to the benchmark strategy WSRS in our article.

In addition, the folder ‘Data’ contains many xml files storing the corresponding workflow information. The folder ‘HEFT’ is used to calculate the completion time for executing each workflow according to the HEFT algorithm, which is described in Eq. (41) in our article. The folder ‘Output’ holds the deadline for each workflow, data transfer amount among each pair of tasks, and computation amount of each task.