

Pset 2

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Part I

Q2: Because logging record important information about our program's execution. Even when the same code and data are used, results can differ due to changes in parameters, random seeds, data versions, or computational environments. With logging, we can record transparently, making it possible to reproduce results and do diagnosis. Examples: During model estimation, I could log Whether the model converged successfully; Key summary statistics like coefficients; warnings during the execution. At the beginning of an analysis, I would log: Input data file paths and versions; the size of the dataset Key model and Random seeds.