请用python写一个函数参数自动化拟合脚本。需要拟合的表达式是inflow\_profile\_fitting.py文件中的U\_z函数，对应的函数参数为u\_star和z0。请利用scipy库构建一个参数优化器来寻找最优函数参数来拟合inflow\_vel\_profile\_exp.txt中的数据。数组第一列为自变量，第二列为因变量，注意数据中的自变量为变量D的归一化值，因变量为变量v\_h的归一化值，运算过程中需要相互转化，函数的输入和输出值均为绝对值。函数参数的约束边界在bounds中。请给最终的完整代码。

Please write a Python function for automated parameter fitting. The expression to be fitted is the U\_z function in the inflow\_profile\_fitting.py file, and the corresponding parameters are u\_star and z0. Please use the scipy library to construct a parameter optimizer to find the optimal function parameters for fitting the data in inflow\_vel\_profile\_exp.txt. The first column of the array is the independent variable and the second column is the dependent variable. Note that the independent variable in the data is the normalized value of variable D, and the dependent variable is the normalized value of variable v\_h. During the calculation process, they need to be converted accordingly, and both the input and output values of the function are absolute values. The boundary constraints for the function parameters are in bounds. Please provide the final complete code.