ga = GA(func=train\_rf, n\_dim=2,size\_pop=50, max\_iter=50,

**prob\_mut=0.01,lb=[10,1], ub=[100,20], precision=1e-5)**

best\_x: [20.61312083 19.65155585]

best\_y: 0.9905207683431282

best\_x[0]: 20

best\_x[1]: 19

MAE\_train: 0.022894487949210535

MSE\_train: 0.0030641782438020726

RMSE\_train: 0.05535502004156509

MAPE\_train: 136.09218612431508

r2\_score\_train: 0.8967153518783303

EV\_train: 0.8969049146895987

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MAE\_test: 0.003623502075400003

MSE\_test: 6.530603653581622e-05

RMSE\_test: 0.008081215040810151

MAPE\_test: 4.9830909293923655

r2\_score\_test: 0.9905207683431282

EV\_test: 0.990815197699253