A\_DE = DE(func=train\_rf, n\_dim=2,

size\_pop=50, max\_iter=50,prob\_mut=0.3,lb=[10,1], ub=[100,20])

best\_x: [67.3869836 12.88459874]

best\_y: [-0.99074851]

best\_x[0]: 67

best\_x[1]: 67

MAE\_train: 0.022919202177853894

MSE\_train: 0.00303023875822152

RMSE\_train: 0.05504760447305151

MAPE\_train: 48.88786303201874

r2\_score\_train: 0.8978593544613094

EV\_train: 0.8978756946268026

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MAE\_test: 0.003891457267626875

MSE\_test: 6.374137032346993e-05

RMSE\_test: 0.007983819281739156

MAPE\_test: 5.832850782667551

r2\_score\_test: 0.9907478810922594

EV\_test: 0.990748764881879