What is AutoML?

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a series of machine learning tools which apply machine learning to machine learning

Why is AutoML?

Machine Learning algorithms have many varieties and many settings that determine how best to learn a problem

Why is AutoML?

Training a machine learning algorithm takes time as these design and configuration requirements are tweaked

Why is AutoML?

AutoML provides intelligent automation of this tweaking to simplify model building

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What isn't AutoML?

AutoML does not simply plug into data and output a model ... yet.
A skilled data scientist is still recommended to work with the tool and guide solutions.

Why can't I throw AutoML at my problem?

Searching smart versus brute force

Processing power to run multiple model

Time to optimize

Knowing when it is "good enough"

Examples of AutoML

TPOT (Python Library)

Auto-Sklearn (Python Library)

H2O

DataRobot

Cloud Solutions (Google, Amazon, and Microsoft all offer it)