Accelerate + simplify AI at scale with automated machine learning
Get started quickly and accelerate your path to high-accuracy models with a service that does the most time-consuming part for you.

Find the best model that suits your data—fast!

With automated machine learning in Azure Machine Learning, we can focus our testing on the most accurate models and avoid testing a large range of less valuable models, because it retains only the ones we want. That saves months of time for us.”

Matthieu Boujonnier, Analytics Application Architect and Data Scientist
Schneider Electric

Feature rich and privacy-preserving

Automated feature engineering
- Missing value imputation
- Transformations & encodings
- Drop high cardinality or no variance features

Guardrails & transparency
- Understand each step to minimize bias while preserving privacy

Open & interoperable
- ONNX, DNNX, database, HDFS, PowerShell, Visual Studio, Power BI
- Integrate with the tools of your choice

Enterprise grade
- Scale to multiple cores and parallel experiments across cloud and edge

© 2019 Microsoft Corporation. All rights reserved. This document is provided “as is.” Information and views expressed in this document, including URLs and other internet website references, may change without notice. You bear the risk of using it. This document does not provide you with any legal rights to any intellectual property in any Microsoft product. You may copy and use this document for your internal, reference purposes.