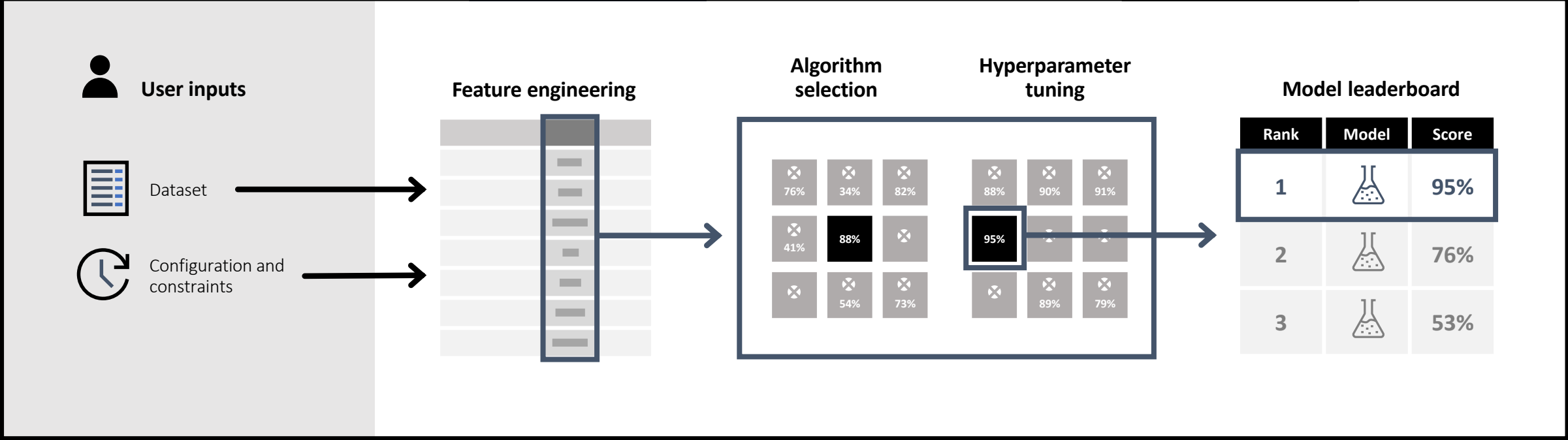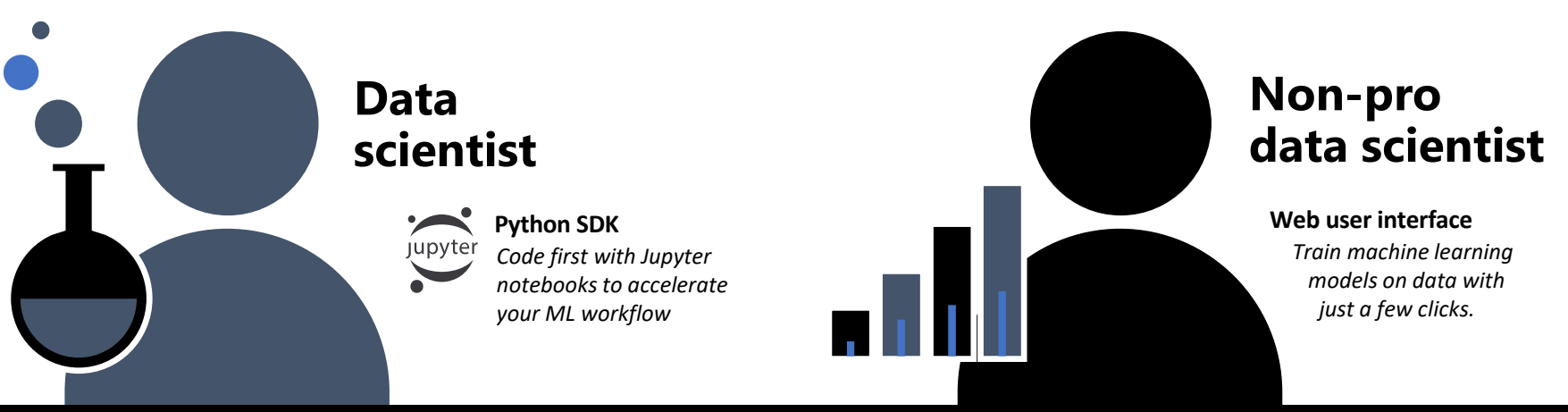**Microsoft**

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!

Data scientist

jupyter **Python SDK**
Code first with Jupyter notebooks to accelerate your ML workflow

Non-pro data scientist

Web user interface
Train machine learning models on data with just a few clicks.

User inputs

Dataset

Configuration and constraints

Feature engineering

Algorithm selection

76%	34%	82%
41%	88%	
	54%	73%

Hyperparameter tuning

88%	90%	91%
95%		
	89%	79%

Model leaderboard

Rank	Model	Score
1	🧪	95%
2	🧪	76%
3	🧪	53%

> "With automated machine learning in Azure Machine Learning service, 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

Time series forecasting

Improve the accuracy and performance of models with time series data

Guardrails & transparency

Understand each step to minimize bias while preserving privacy

Open & interoperable

ONNX   databricks   HDInsight
jupyter   Visual Studio   Power BI

Integrate with the tools of your choice

Enterprise grade

Scale to multiple cores and parallel experiments across cloud and edge

Get started today
with Azure Machine Learning service

Including all the benefits of Azure:

Productive   Hybrid   Intelligent   Trusted

Get the free trial of Azure Machine Learning service

Learn more