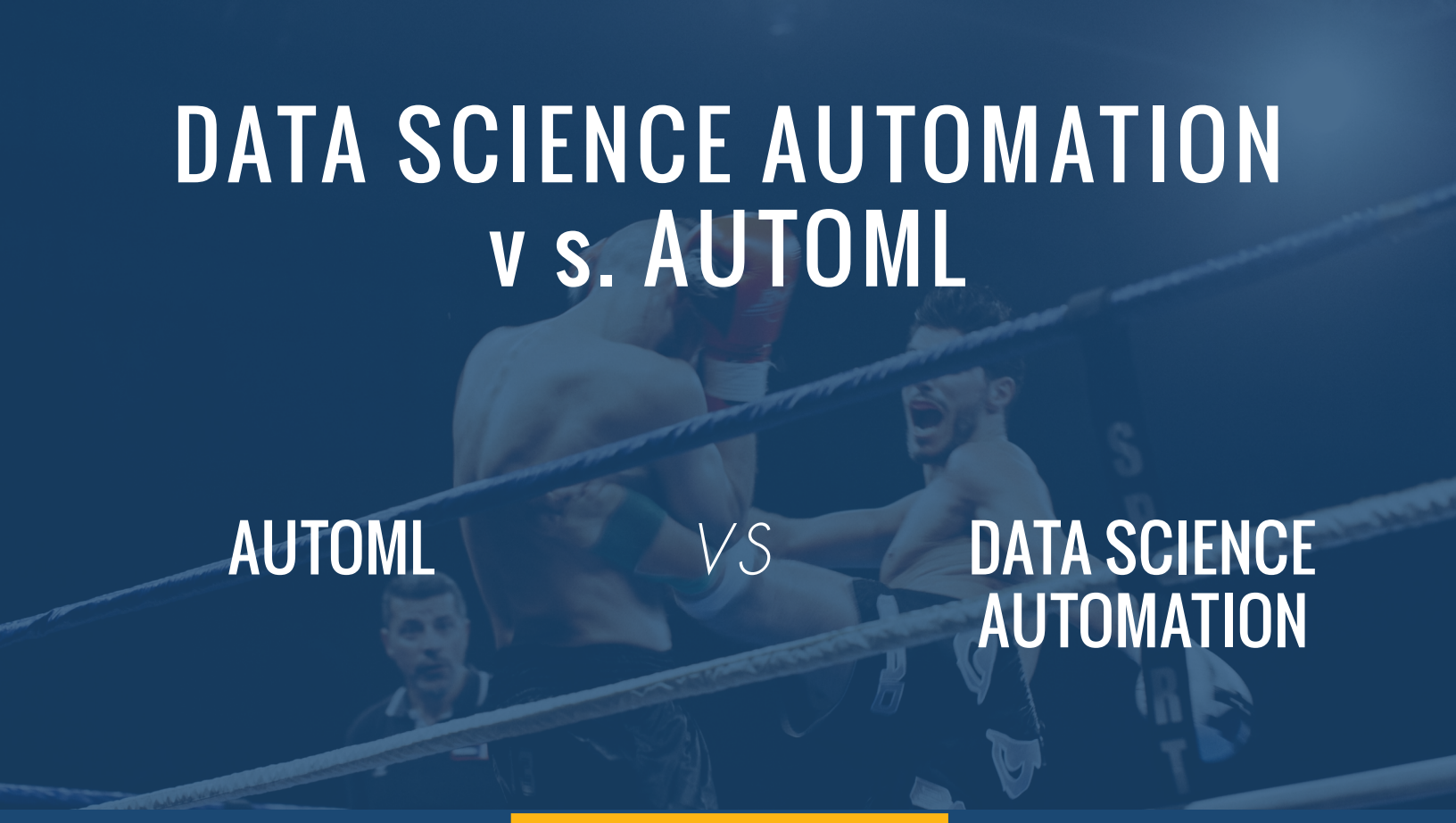
DATA SCIENCE AUTOMATION v s. AUTOML



AUTOML *VS* DATA SCIENCE AUTOMATION

TALE OF THE TAPE

DATA PREP

Manually create flat files that contain relevant data necessary for feature creation

Discover entity relationships in your data and create multi-table relationships before creating features

FEATURE ENGINEERING

Manually build features based on specific use-cases and iterate as necessary to find optimal features

Use AI to auto-generate thousands of possible features. Score and present the most relevant ones automatically

ML GENERATION

Automatically select and apply features to various Machine Learning Models. Test and score each for best results.

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OPERATIONALIZATION

Deploy with APIs to accelerate operationalization. Models must be retrained manually as production data evolves

Use API-based "continuous deployment." Deploy models and use API-based connectivity to retrain models as necessary

3 DAYS

In a recent trial, a dotData client completed 3 projects that originally took 5 months each, in just 3 days.

Data Science Automation with dotData

dotData Automates 100% of Your Workflow

AutoML

Selecting & optimizing Machine Learning models is only part of the data science challenge

Operationalization

Deployment of features and Machine Learning models into production environments

Feature Engineering

Hypothesis creation, feature creation, feature selection and ranking

Data Onboarding

Connect to data sources and leverage entity relationships across tables

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