

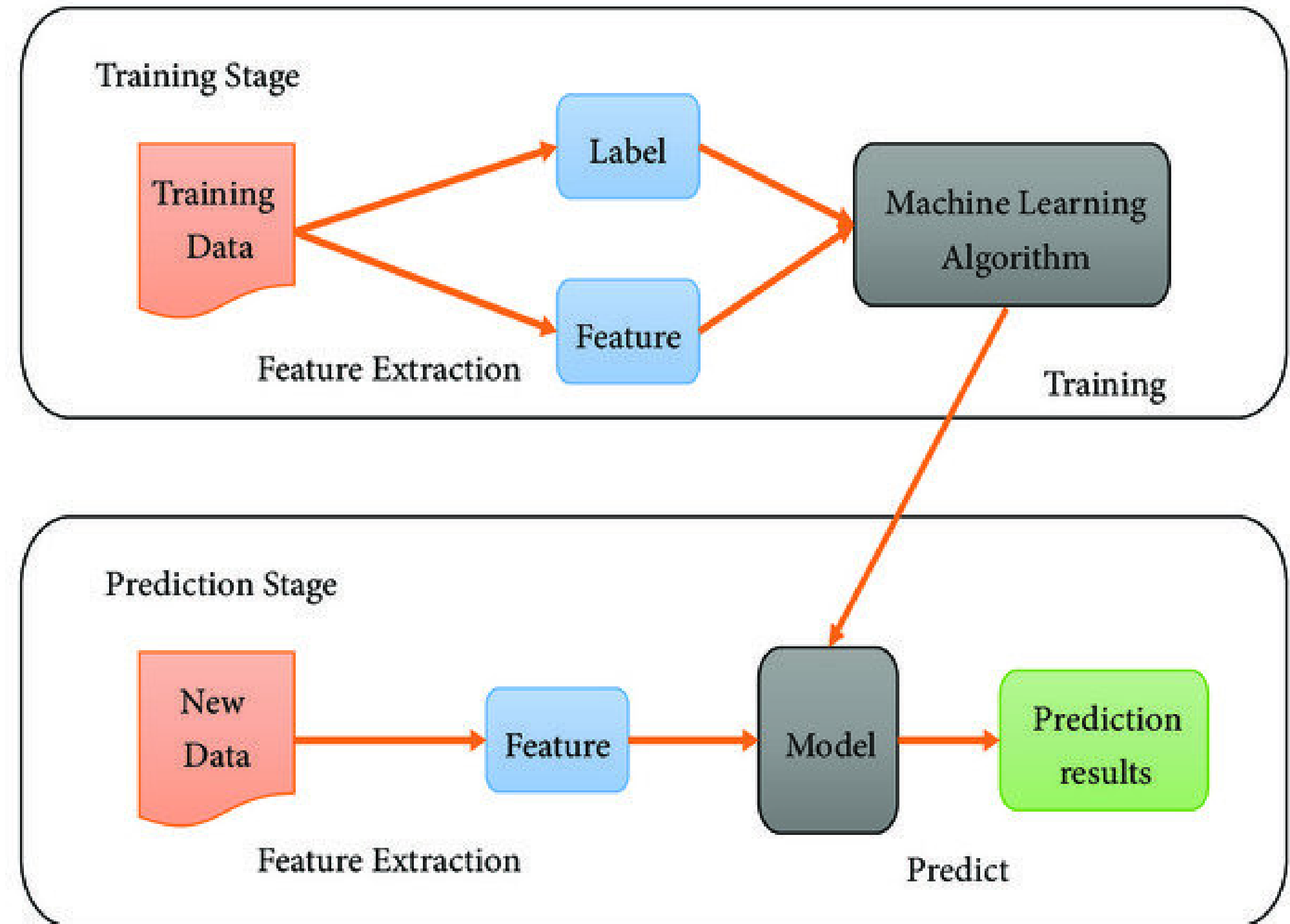
PYCON PORTUGAL 2022

Building and Optimizing a Multiclass Text Classifier using Keras

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A TYPICAL MACHINE LEARNING WORKFLOW



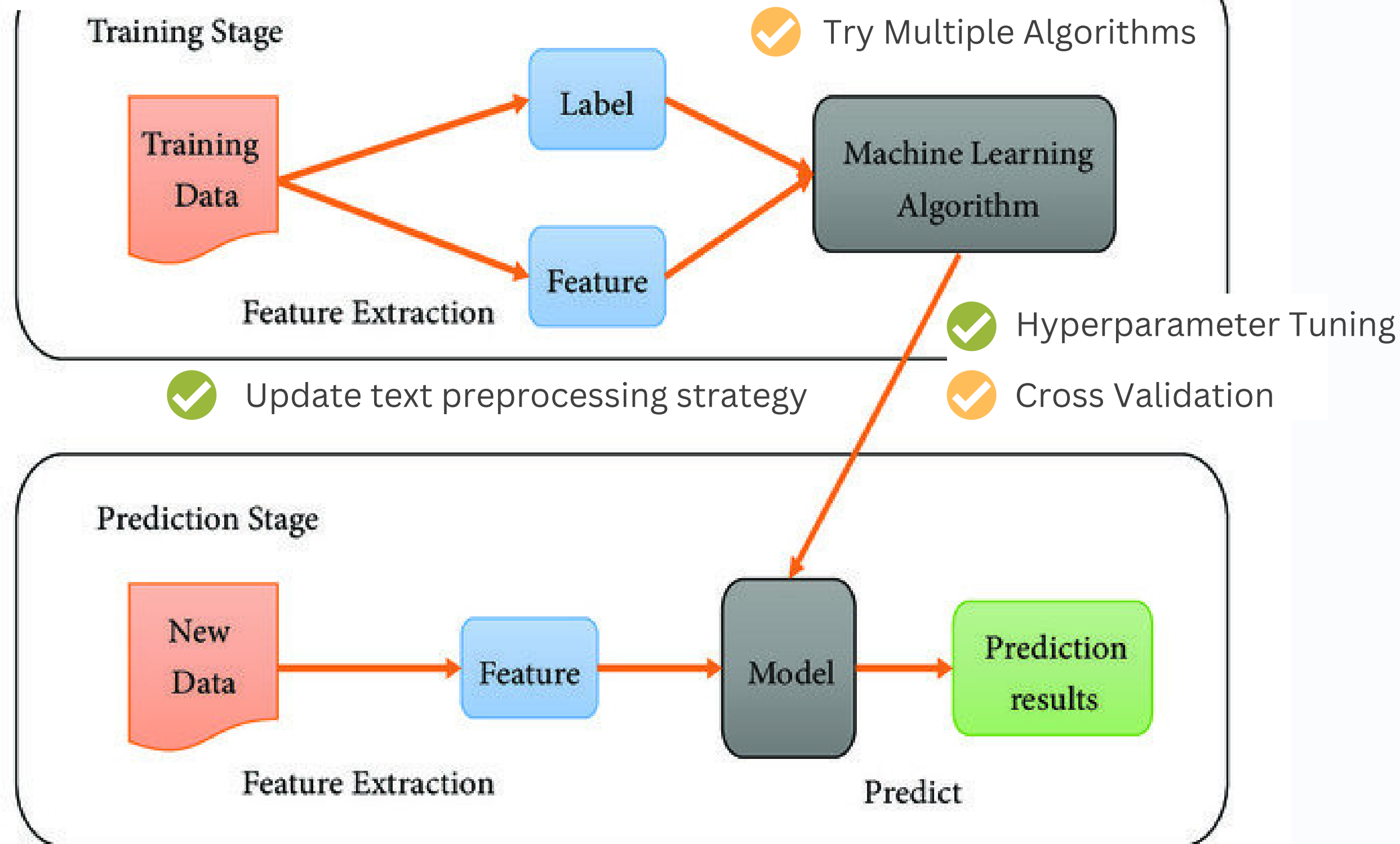
TOP 5 TECHNIQUES TO IMPROVE MODEL PERFORMANCE

- Appending more Data
- Feature engineering and Feature Selection
- Try Multiple Algorithms
- Use Cross-Validation
- Tune the Hyperparameters

A TYPICAL MACHINE LEARNING WORKFLOW

✓ Use a Baseline Model

✓ Update data splitting strategy



Thank You!

Any questions?

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