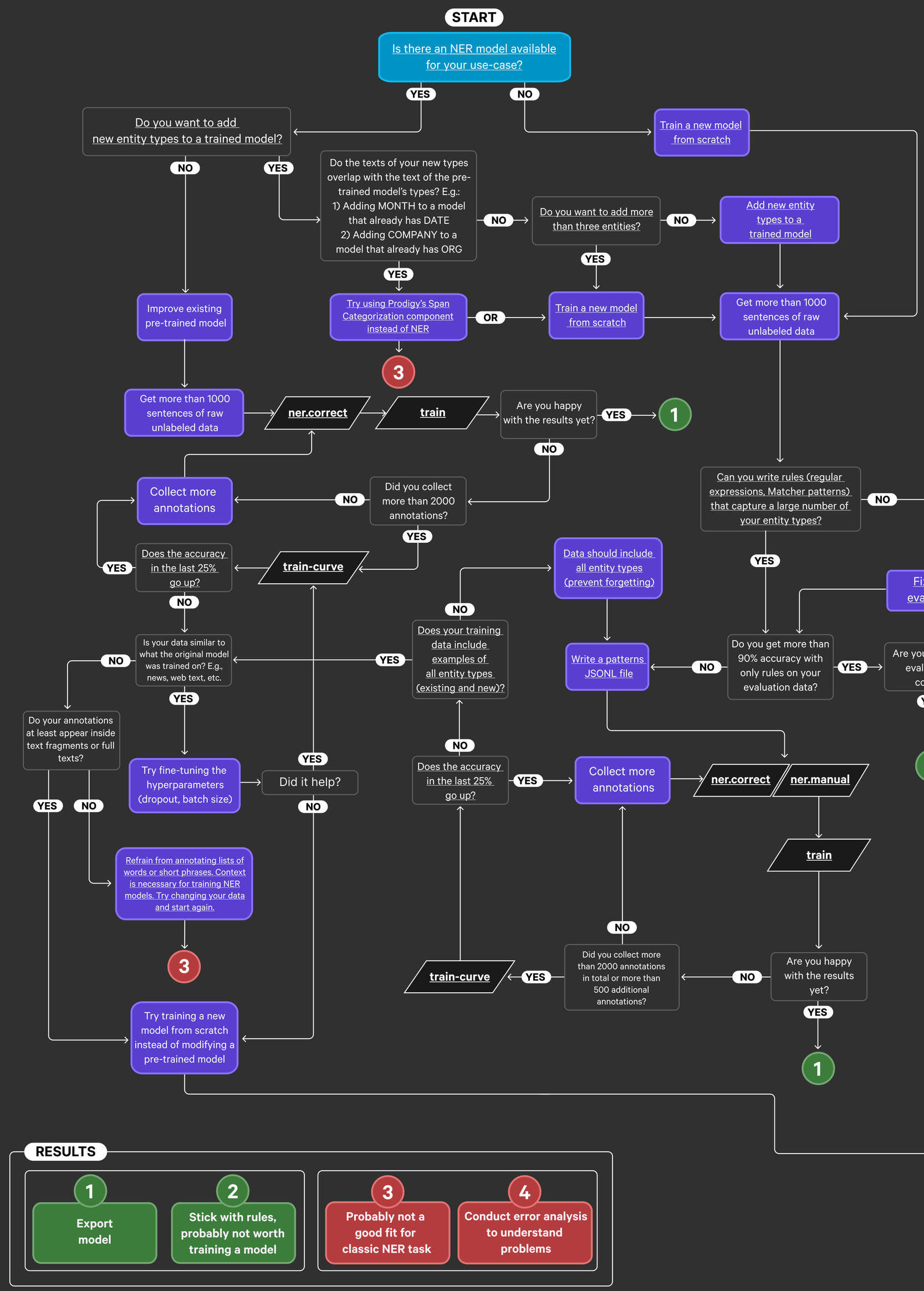
Training spaCy NER Models with Prodigy

INTRODUCTION

This handy flowchart contains our most common tips, tricks, and best practices for training and updating spaCy named entity recognition models with Prodigy. Read it to get started or refresh your memory!

Note: In the PDF version of this infographic, click any underlined text to go to our documentation.



RESULTS

1 Export model	3 Probably not a good fit for classic NER task
2 Stick with rules, probably not worth training a model	4 Conduct error analysis to understand problems

RECIPE LEGEND

Prodigy recipes are Python functions that help you process annotations.

ner.correct	Stream in suggestions from the model and accept them, correct them or reject them.
ner.manual	Manually highlight spans of text and add optional pattern matches.
train	Train a model with annotations. Add the `--ner` flag for NER training.
train-curve	Train a model with different data portions (25%, 50%, 75%, 100%) to see how it improves.
review	Review annotations and resolve conflicts.

NODE LEGEND

- Flowchart start
- Favorable outcome: your project is ready to go
- Negative outcome: review, reconsider, and improve
- Our usual suggestion
- Decision node

METADATA

- NER Flowchart v2.0.0
- Release date (yyyy-mm-dd): 2022-10-10
- Prodigy version compatibility: v1.11.0 (2021-08-12) < v2.0 (Expected)