



Predicting Student Success

Overview

- 4424 entries
- 37 columns
 - Age
 - Gender
 - Parental information

Business Understanding

Neural Network

Binary Classification

&

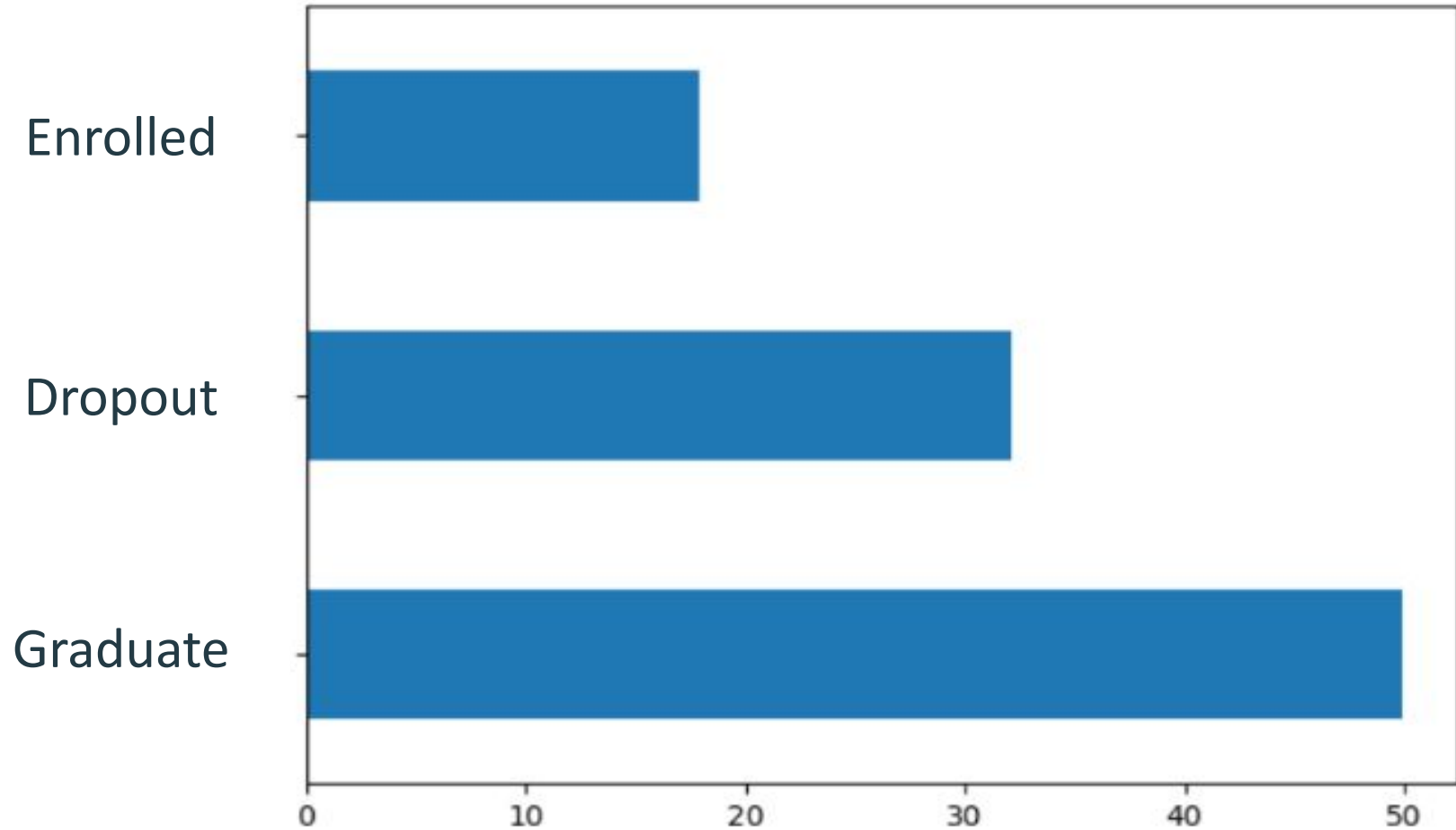
Random Forest

- Graduate

Classifier

- Dropout

Target Values in Percent (%)





The Chosen Model

Random Forest Classifier

- 91% precision score
- Very easy to use & implement

Actual Label

0	290	65
1	19	512
	0	1

Prediction



Recommendations

Suited well for classifying
students

Precision score of
91%

Things to improve the
model

- More data
- Meet face to face

- Word of mouth
- Public image

What next?

Never enough
data!

Implement model

Thank you!

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Github :

https://github.com/Djohnson1313/predicting_student_success