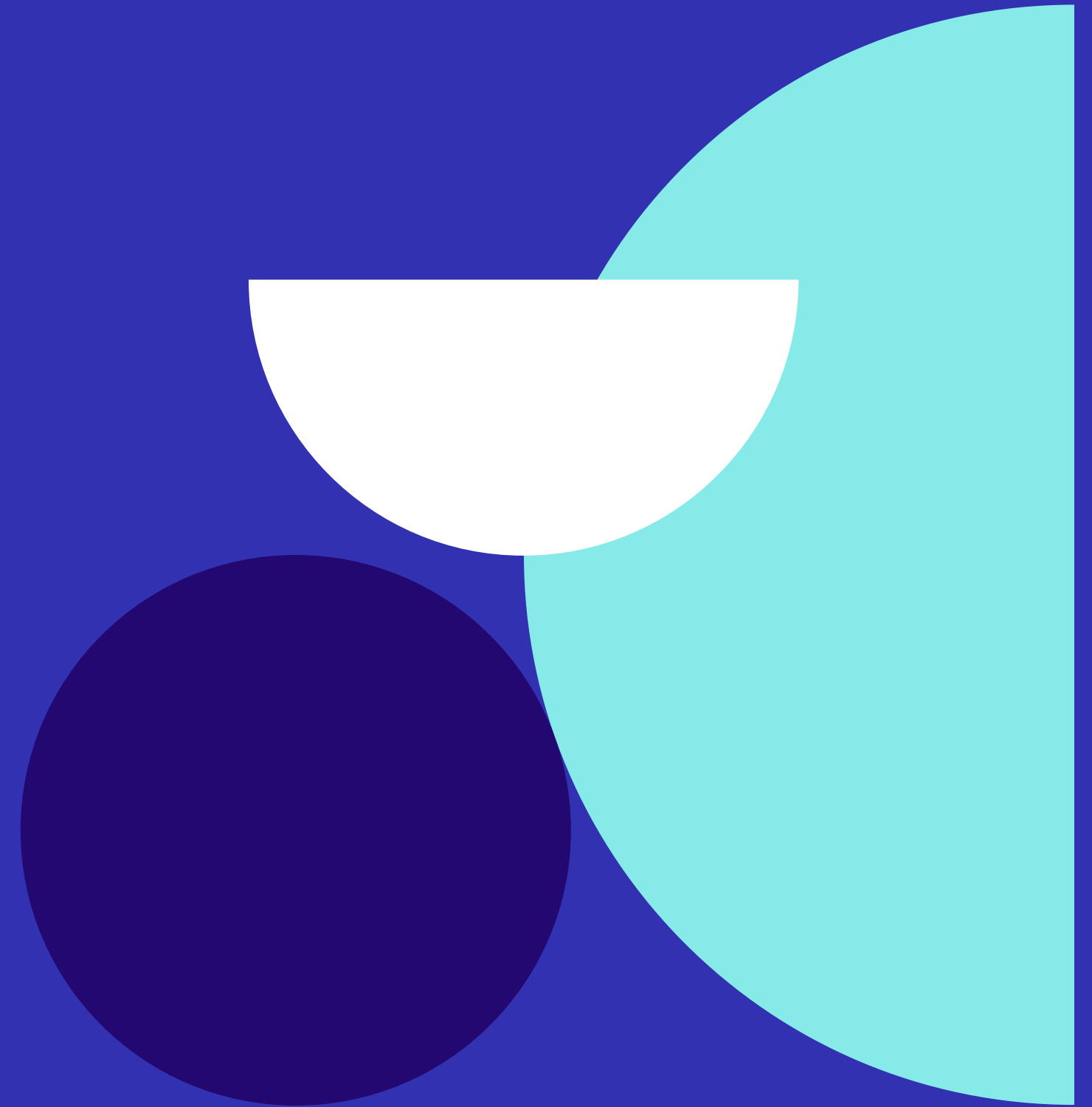WYLDER SOLUTIONS, INC.

Reimagining Healthcare

with Data Science

Data Science for your Hospital

DESIGN AND TEST MODELS
FOR RELIABLE PREDICTIONS
ON PATIENT SURVIVAL

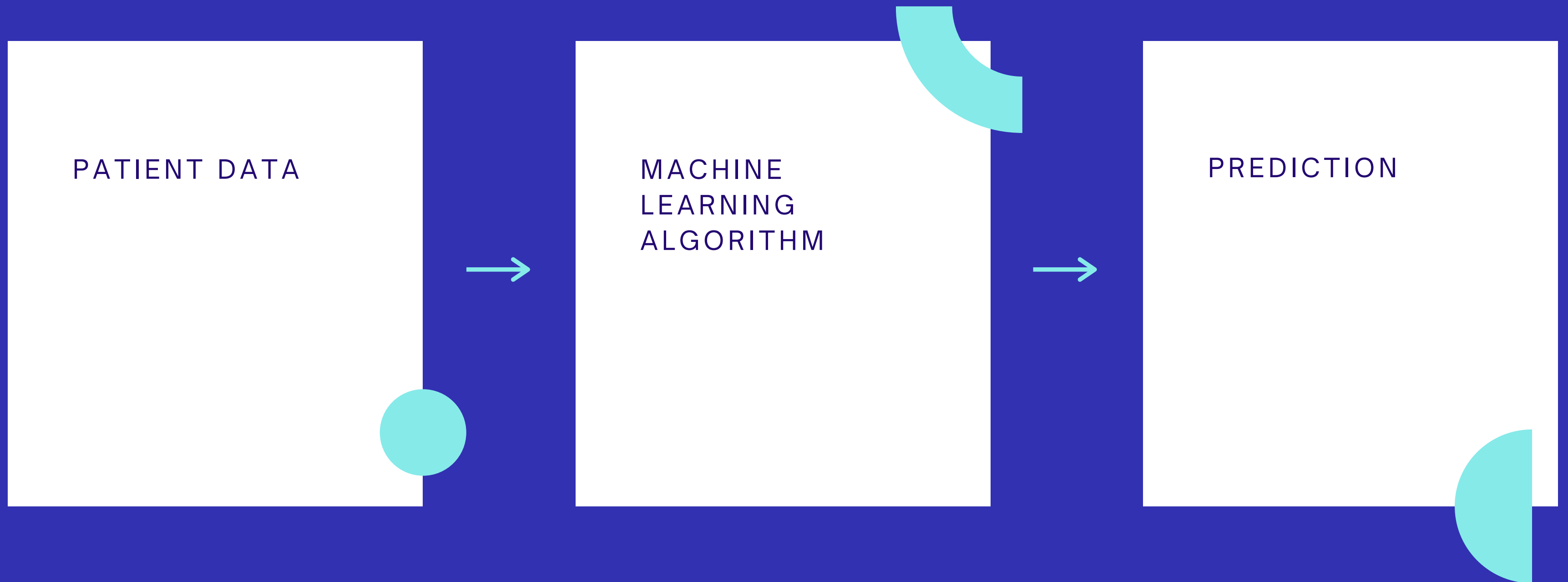SUGGESTIONS FOR NEXT
STEPS

Patient Survival Data

Simple metrics

APACHE III codes
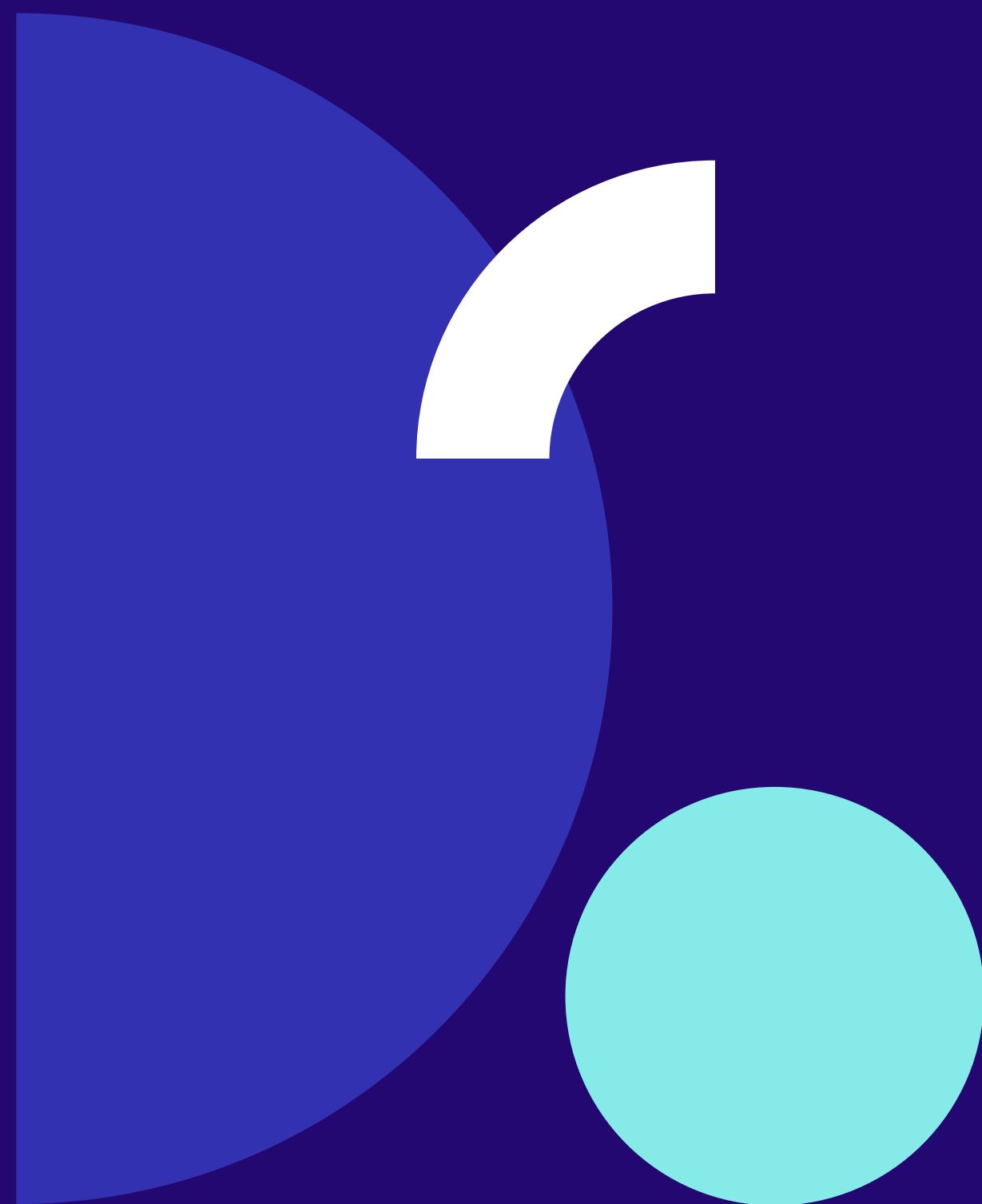
Physiological variables

APACHE IV death probabilities

Methodology

PATIENT DATA → MACHINE LEARNING ALGORITHM → PREDICTION

Survival Predictions

Helping doctors save lives.

Results

88% accuracy predicting patient survival.

Next Steps

- Model improvements
- System integration to update model daily with new data

Thank you!

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LINKED IN

https://www.linkedin.com/in/marshall-wylder-172582159/

GITHUB

https://github.com/MarshallWylder/Project-3