# Predicting Contraception Usage

Goal



Tools

-sklearn

-pandas

-streamlit

-SQL

-SHAP

-Tableau

Data

1987

Standard

Demographic

and Health

Survey in

Indonesia

Features

-Age

-Number of children born

-Media

exposure level

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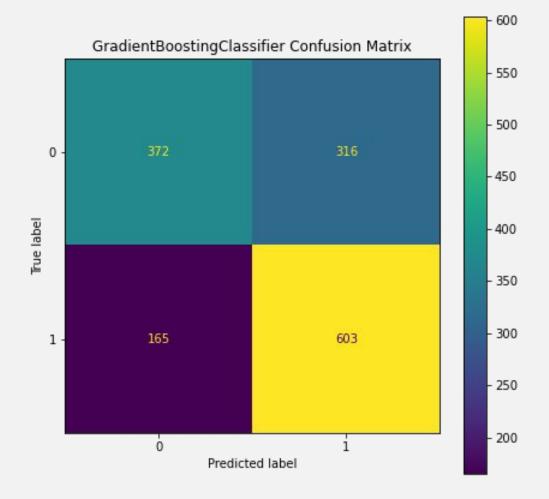
children born

-Media

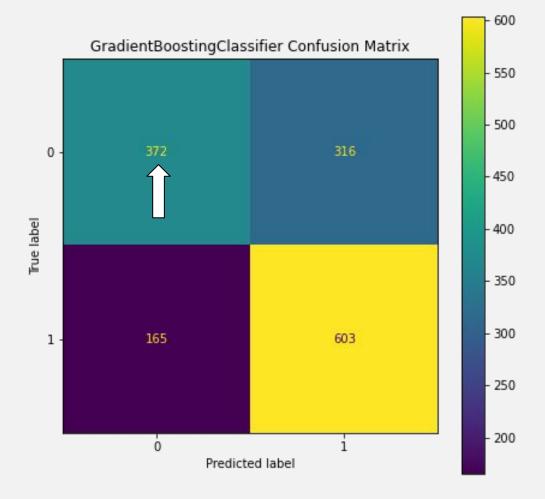
exposure level

-Education

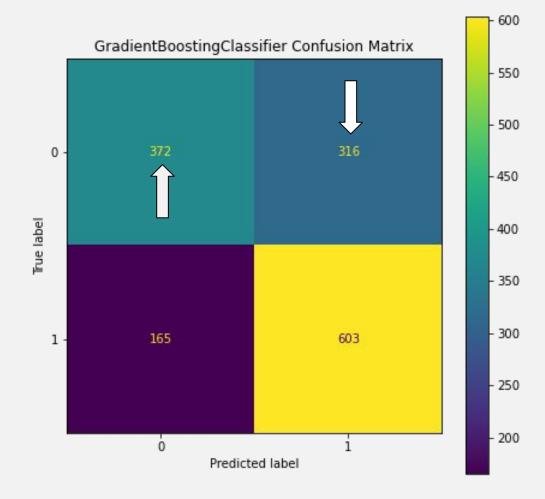
#### Model-GradientBoostingClassifier

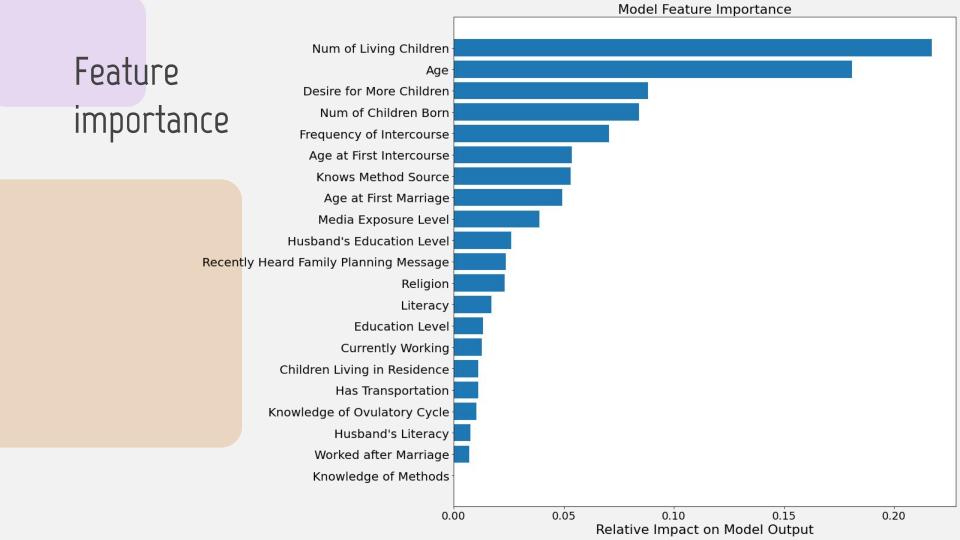


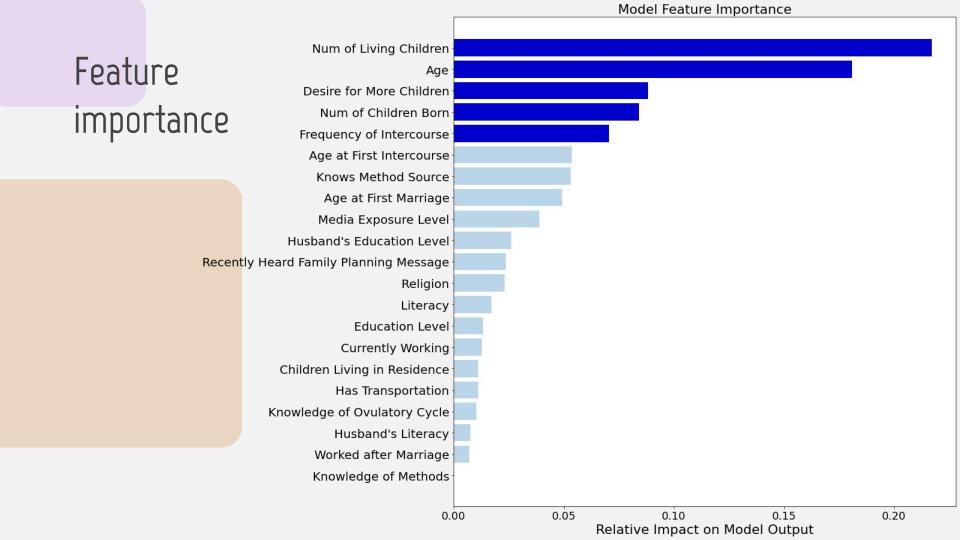
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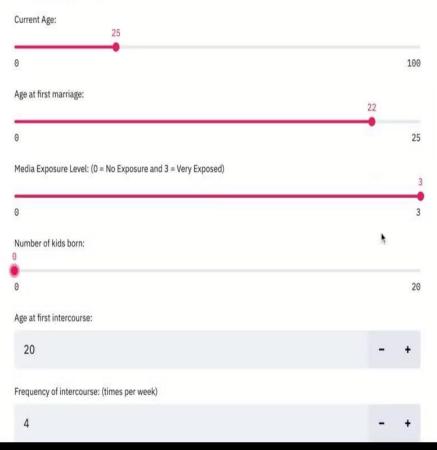




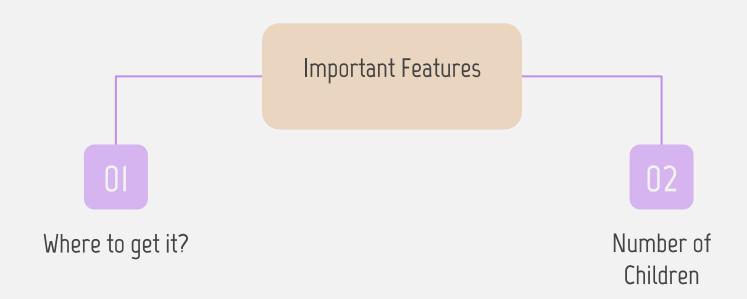


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#### Make a prediction!



# Takeaways



# Questions?

