



IMMUNIZATION PREDICTOR

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TechHealth Access



CONTENT

01 Business Problem

02 Data

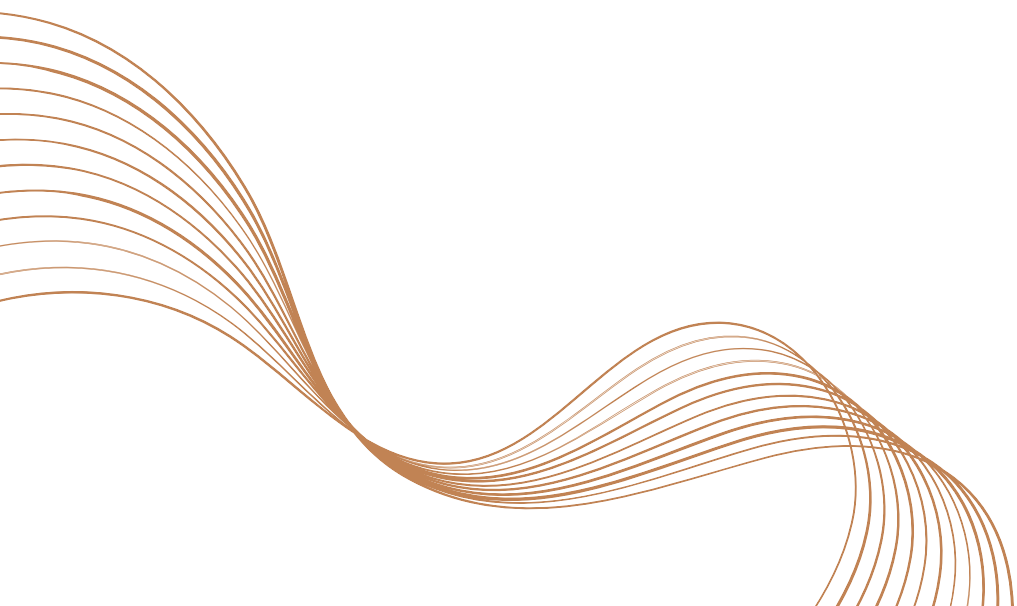
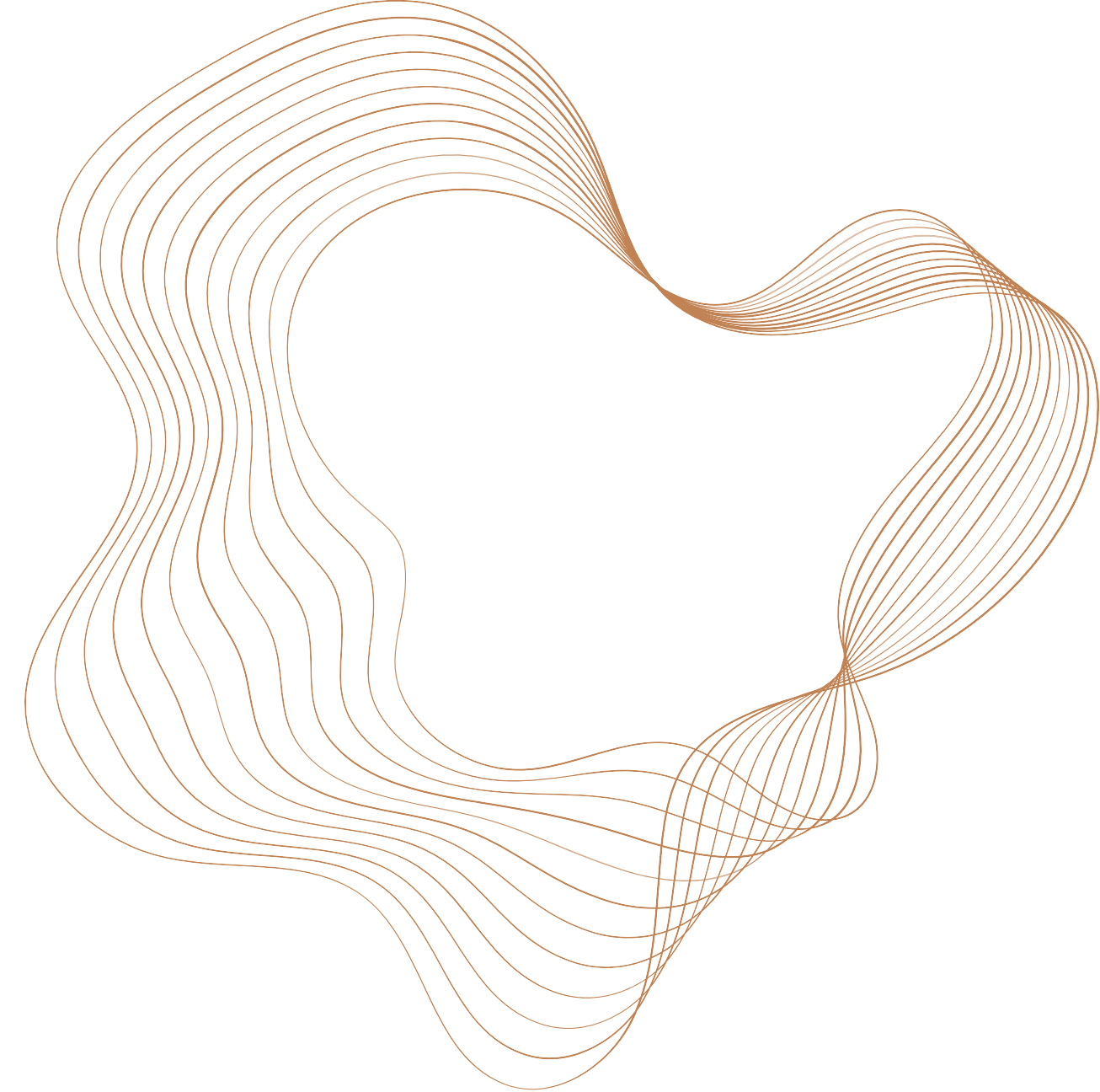
03 Statistics

04 Model

05 Insights



BUSINESS PROBLEM

Can we correctly predict whether or not
someone gets a novel vaccine such as H1N1
Vaccine in 2009-2010?





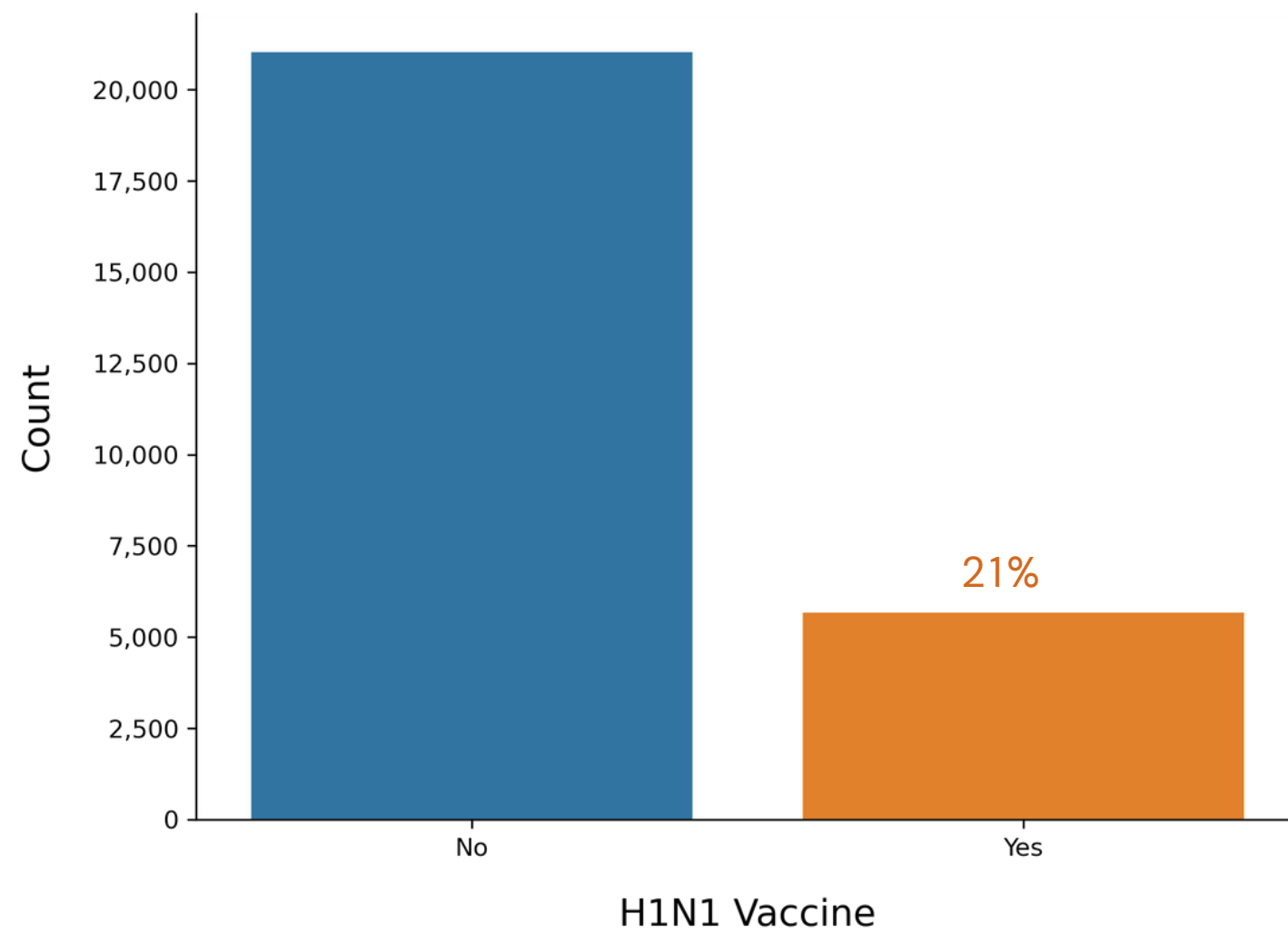
DATA

- The National 2009 H1N1 Flu Survey (NHFS)
 - Over 26K responses
 - H1N1 and seasonal flu vaccination status
 - Social, economic and demographic backgrounds
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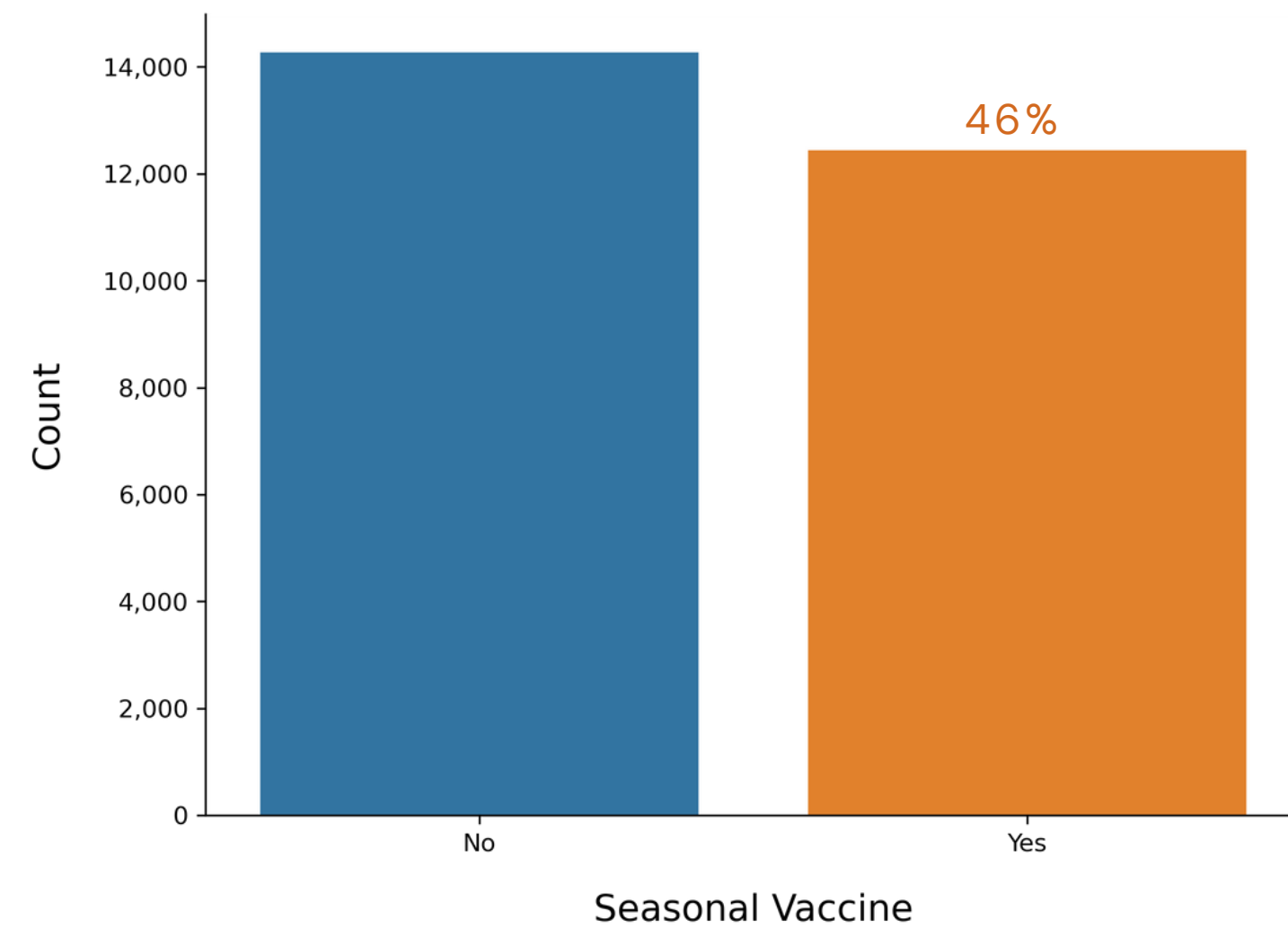
STATISTICS



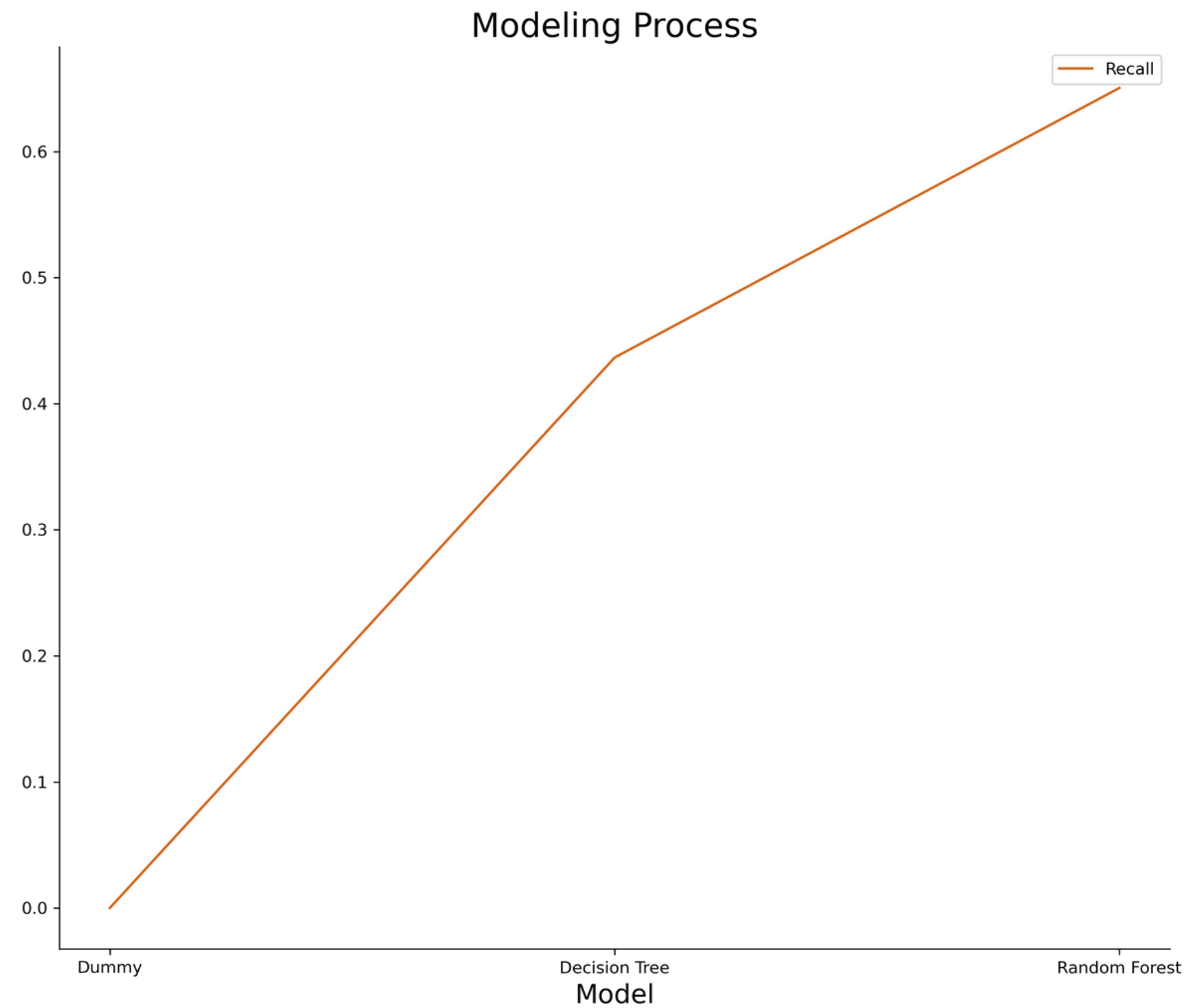
Number of H1N1 Vaccinations



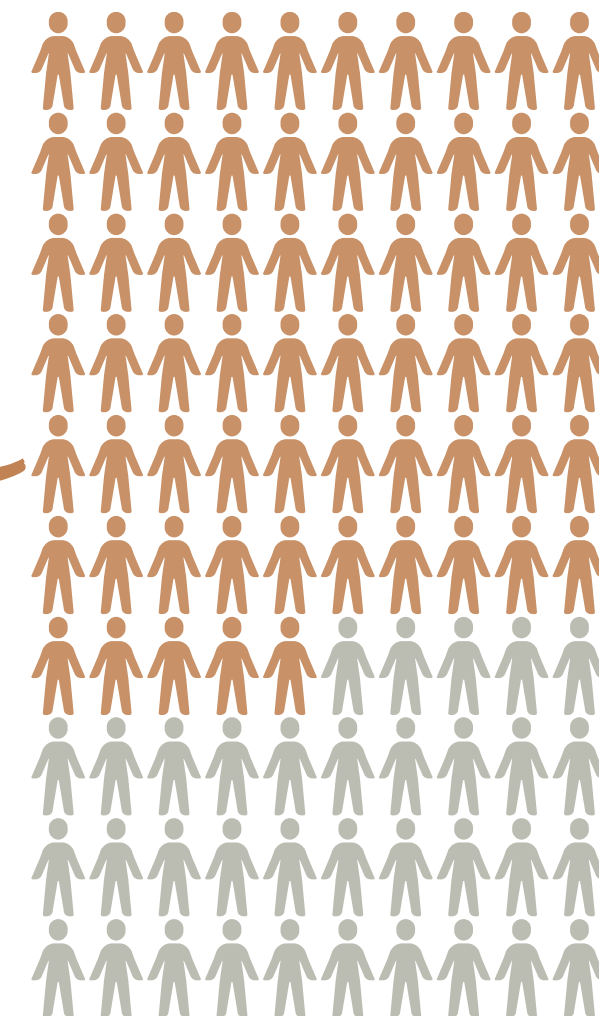
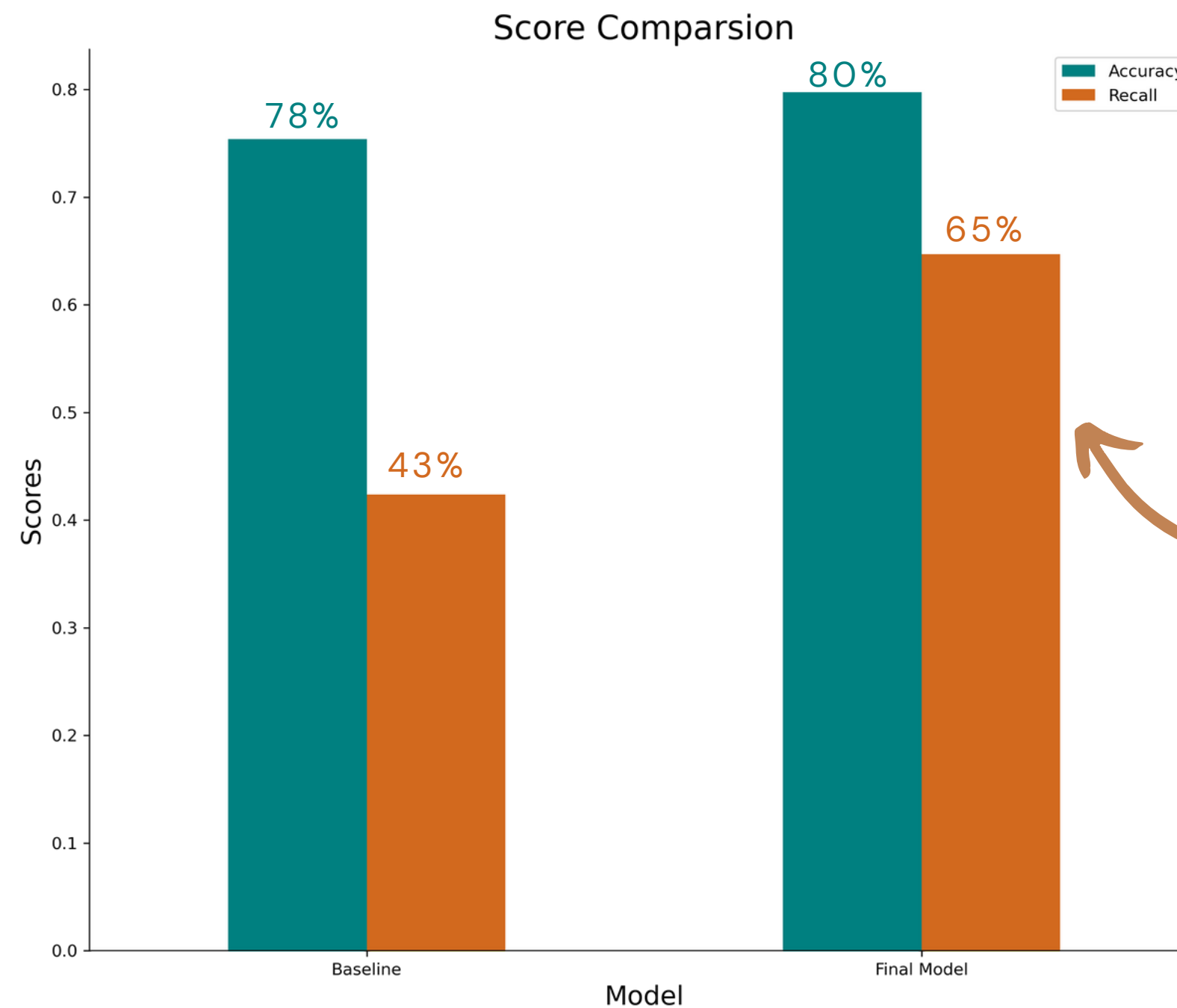
Number of Seasonal Flu Vaccinations



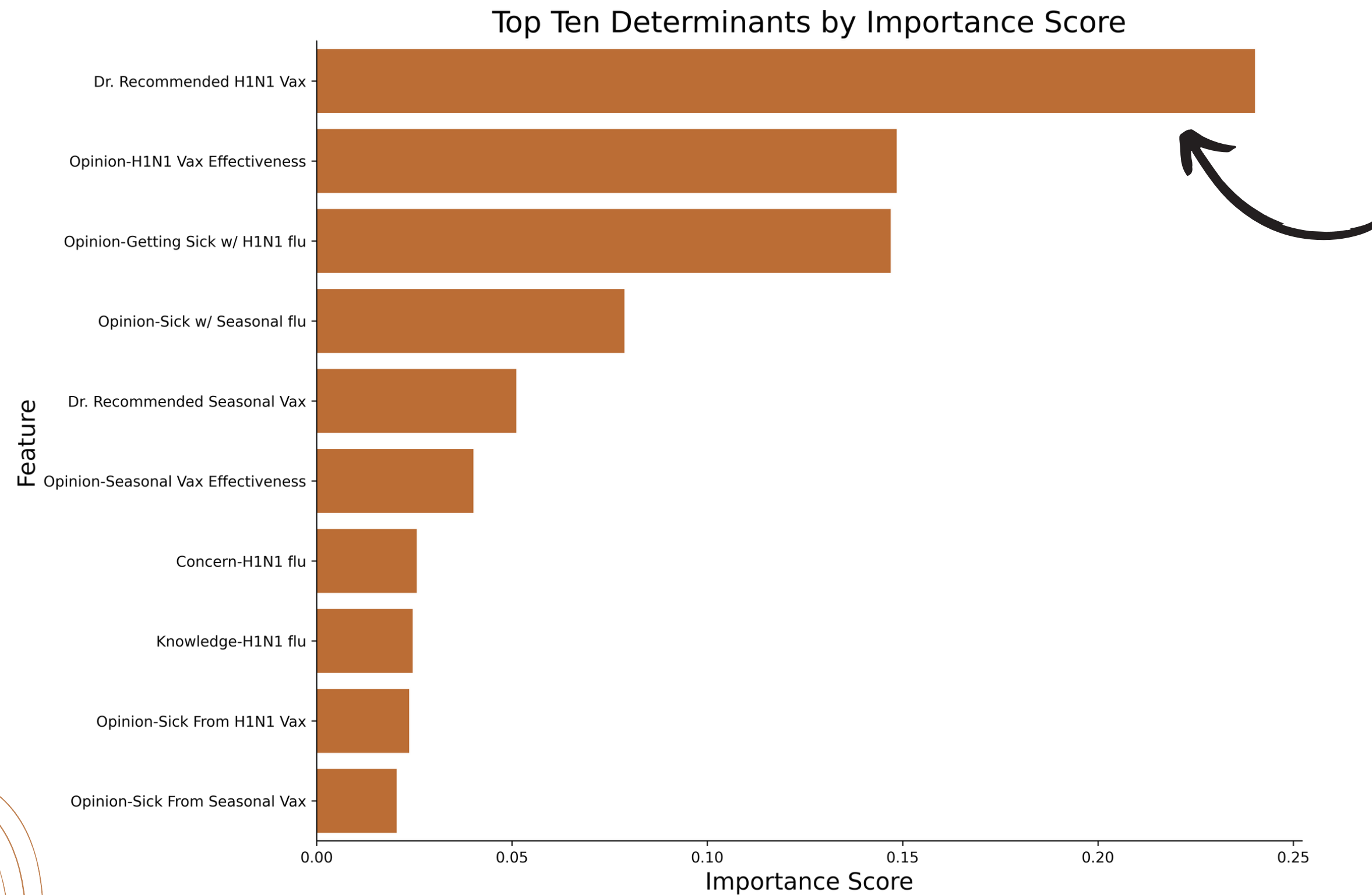
PREDICTIVE MODELS



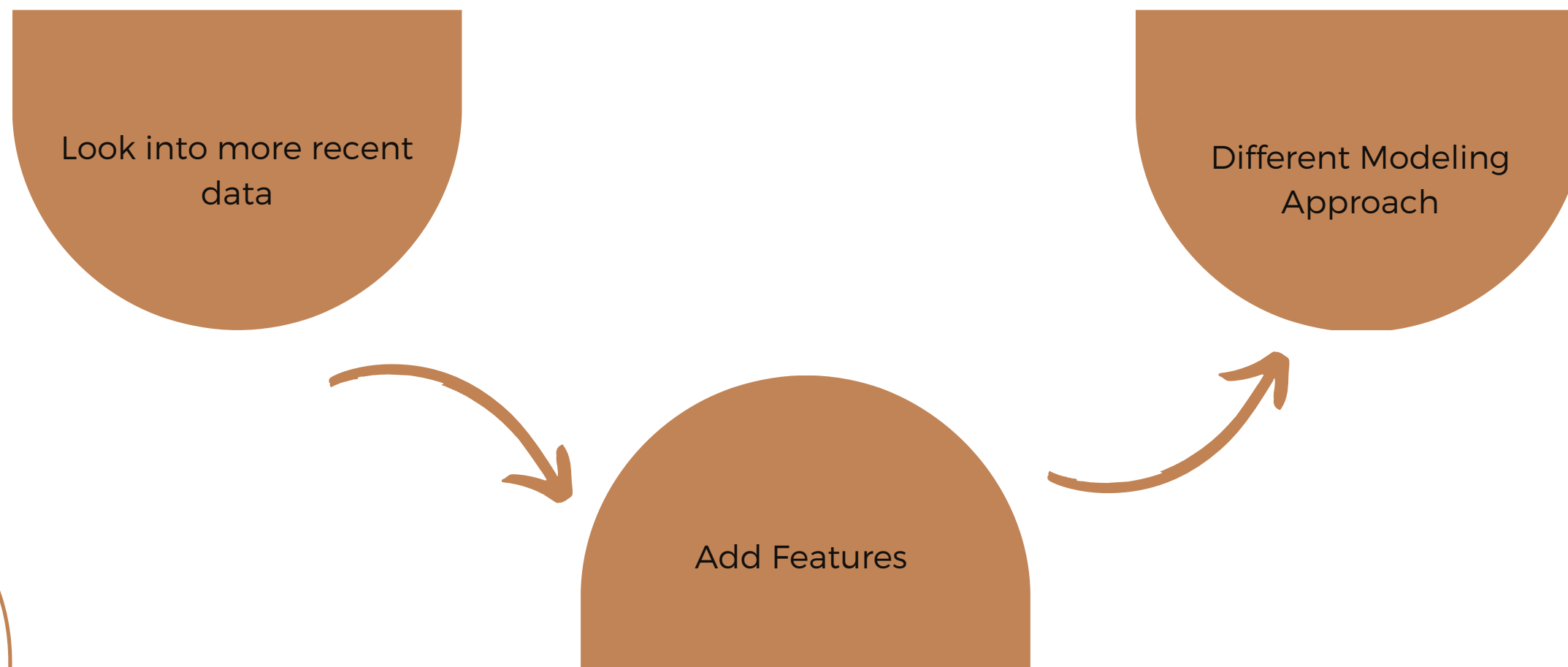
MODEL COMPARISON



INSIGHTS



NEXT PROJECT



THANK YOU!

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