



# **IMMUNIZATION PREDICTOR**

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TechHealth Access



# CONTENT

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**02** Data

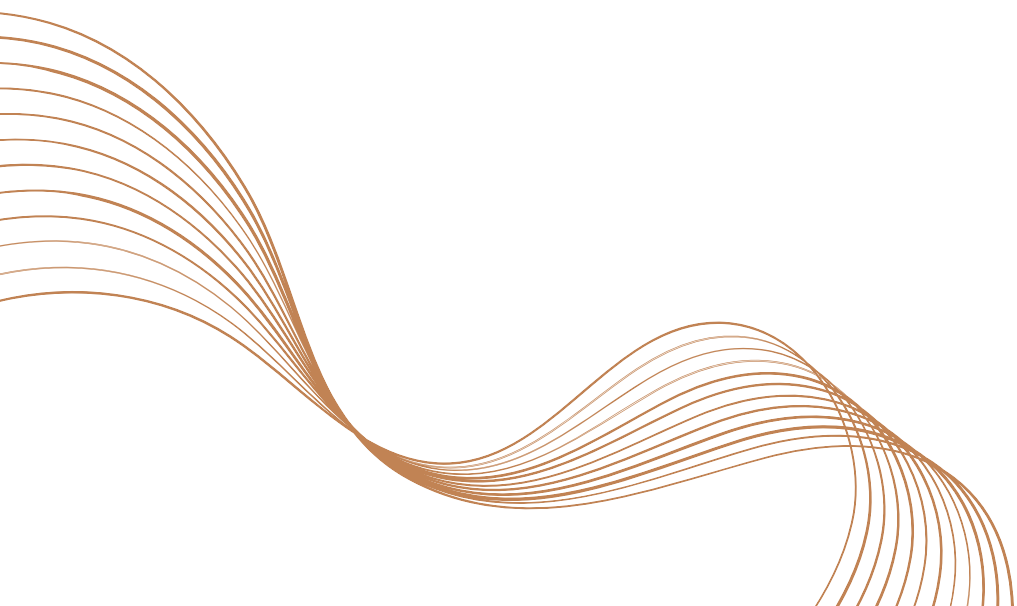
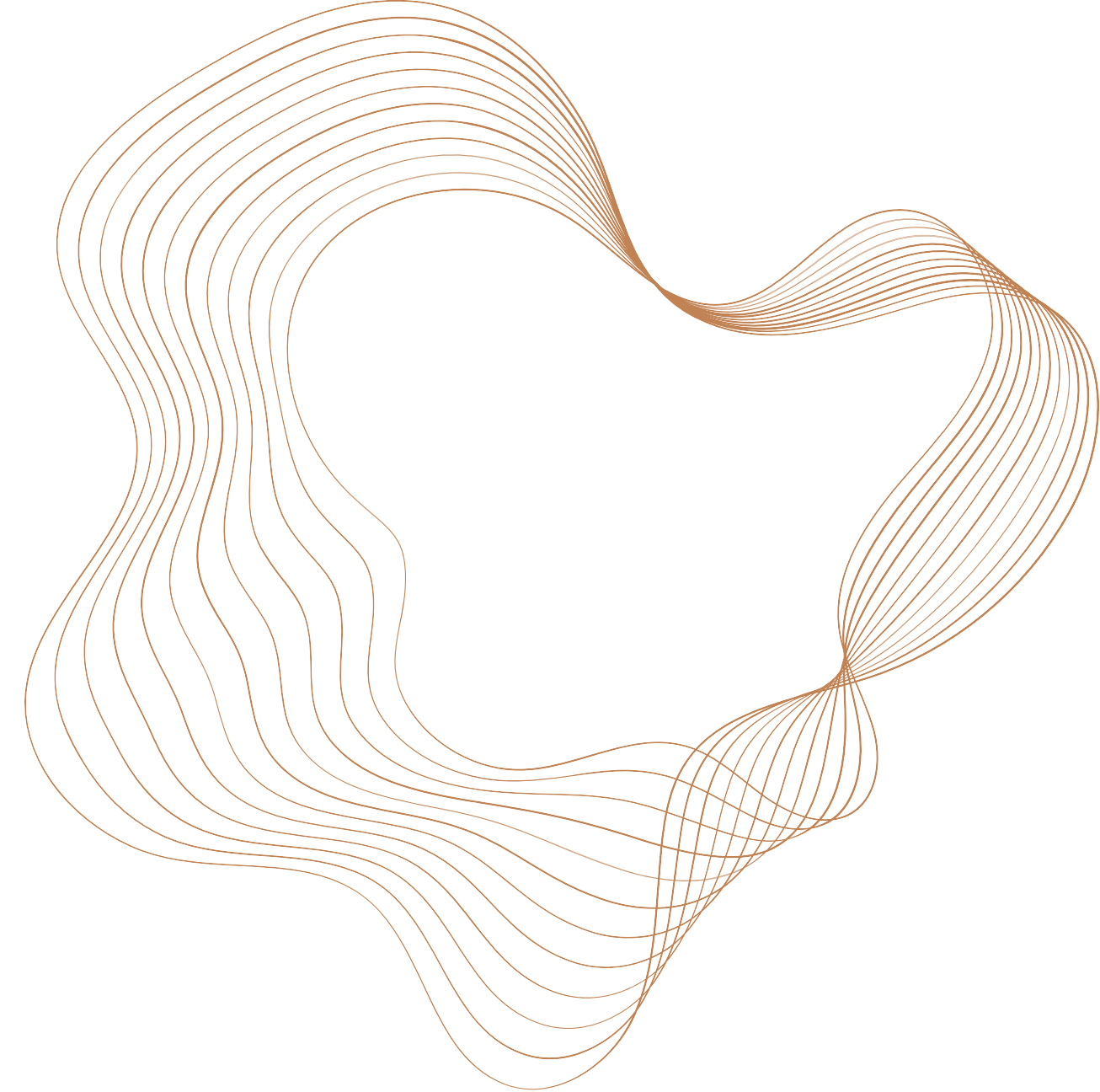
**03** Statistics

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# BUSINESS PROBLEM

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





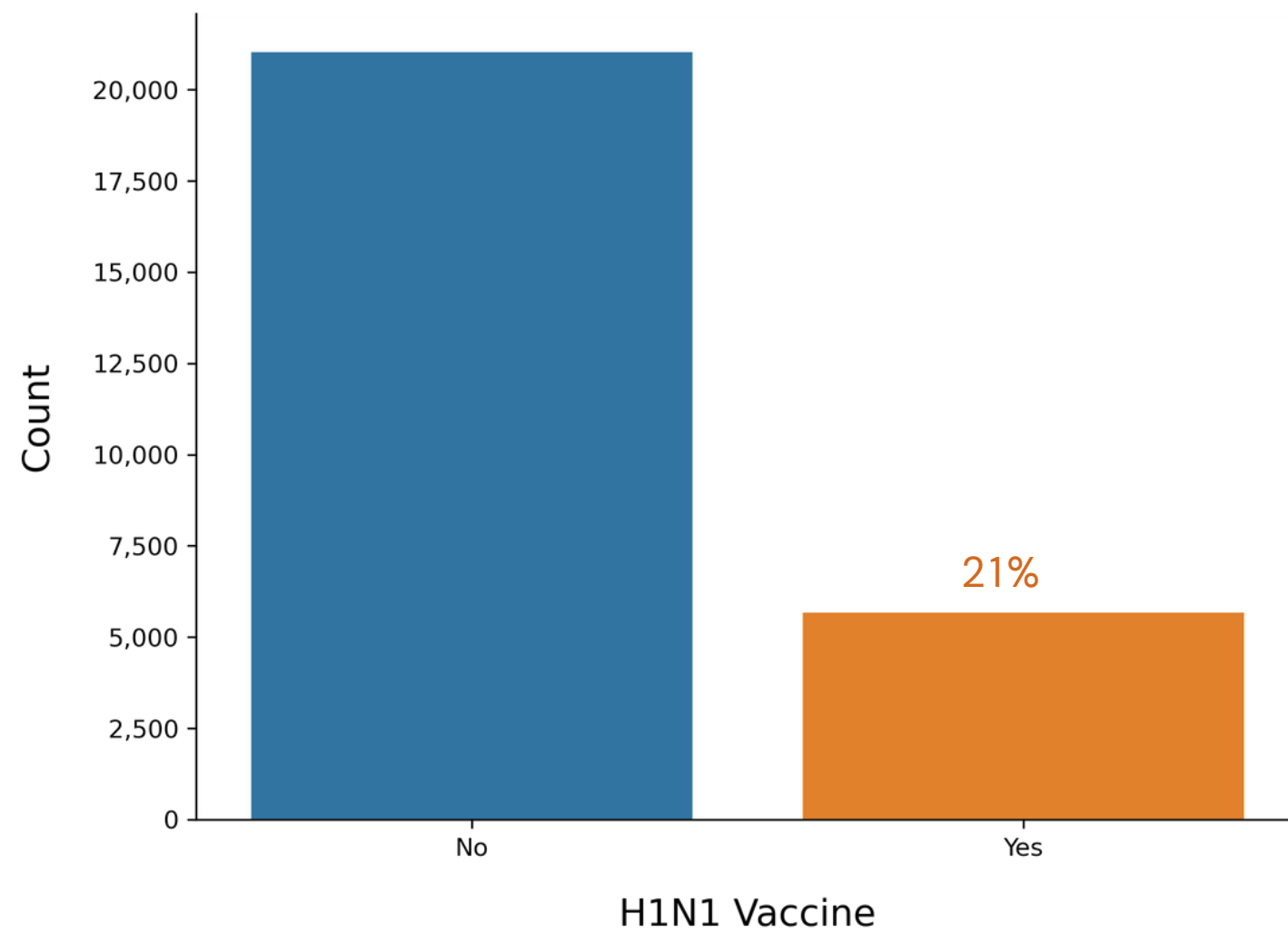
# DATA

- 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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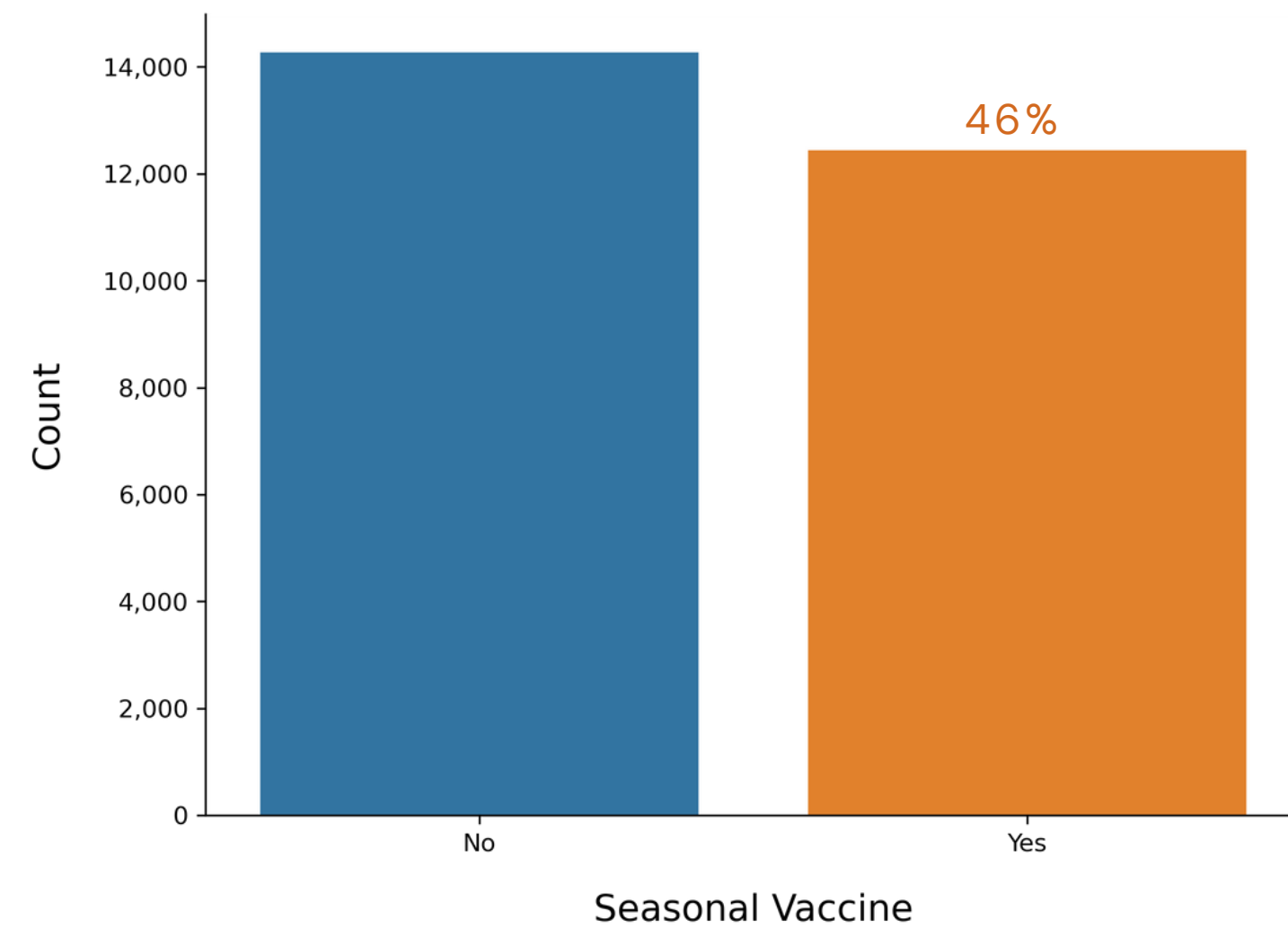
# STATISTICS



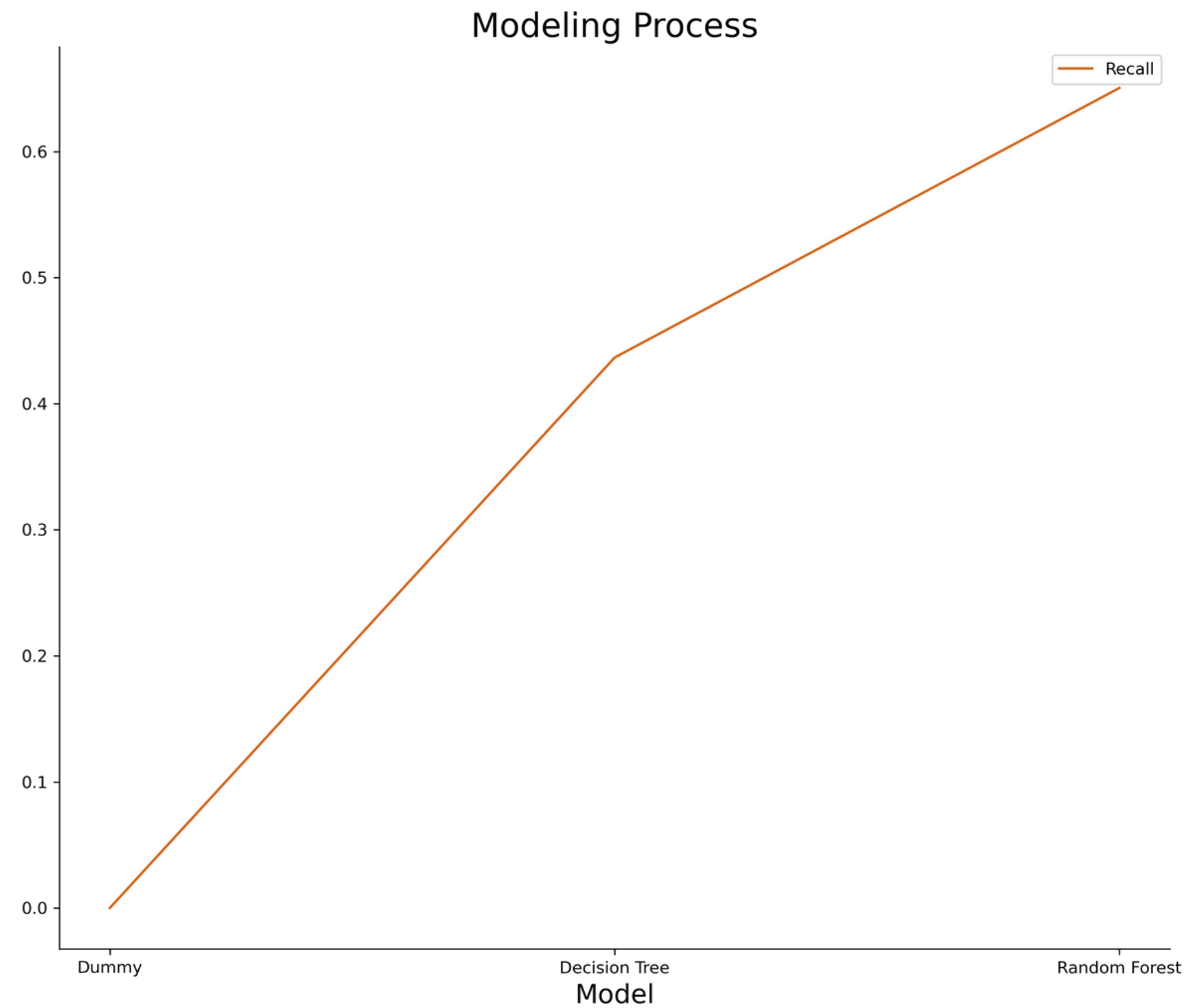
Number of H1N1 Vaccinations



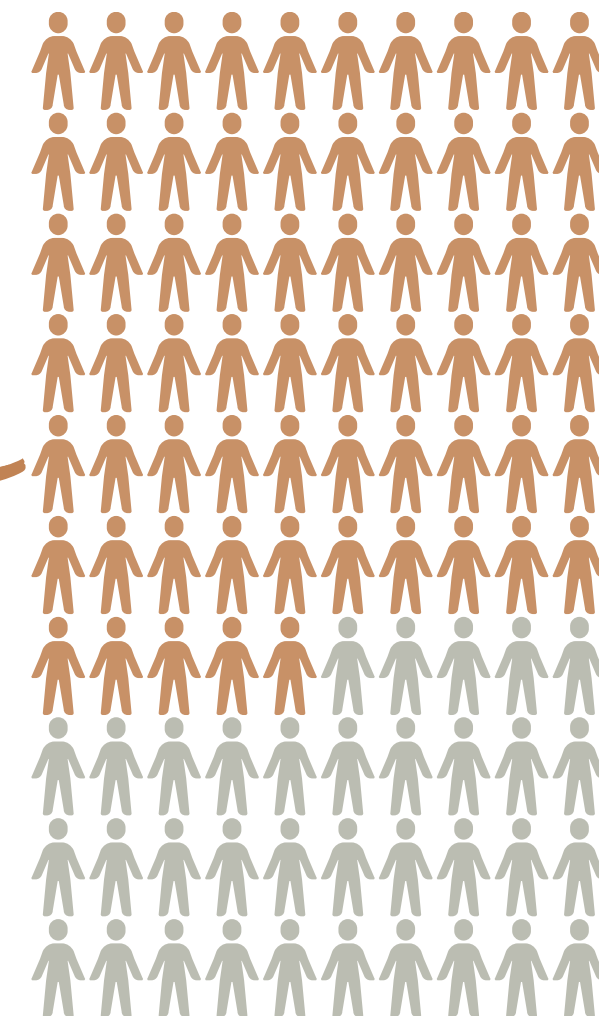
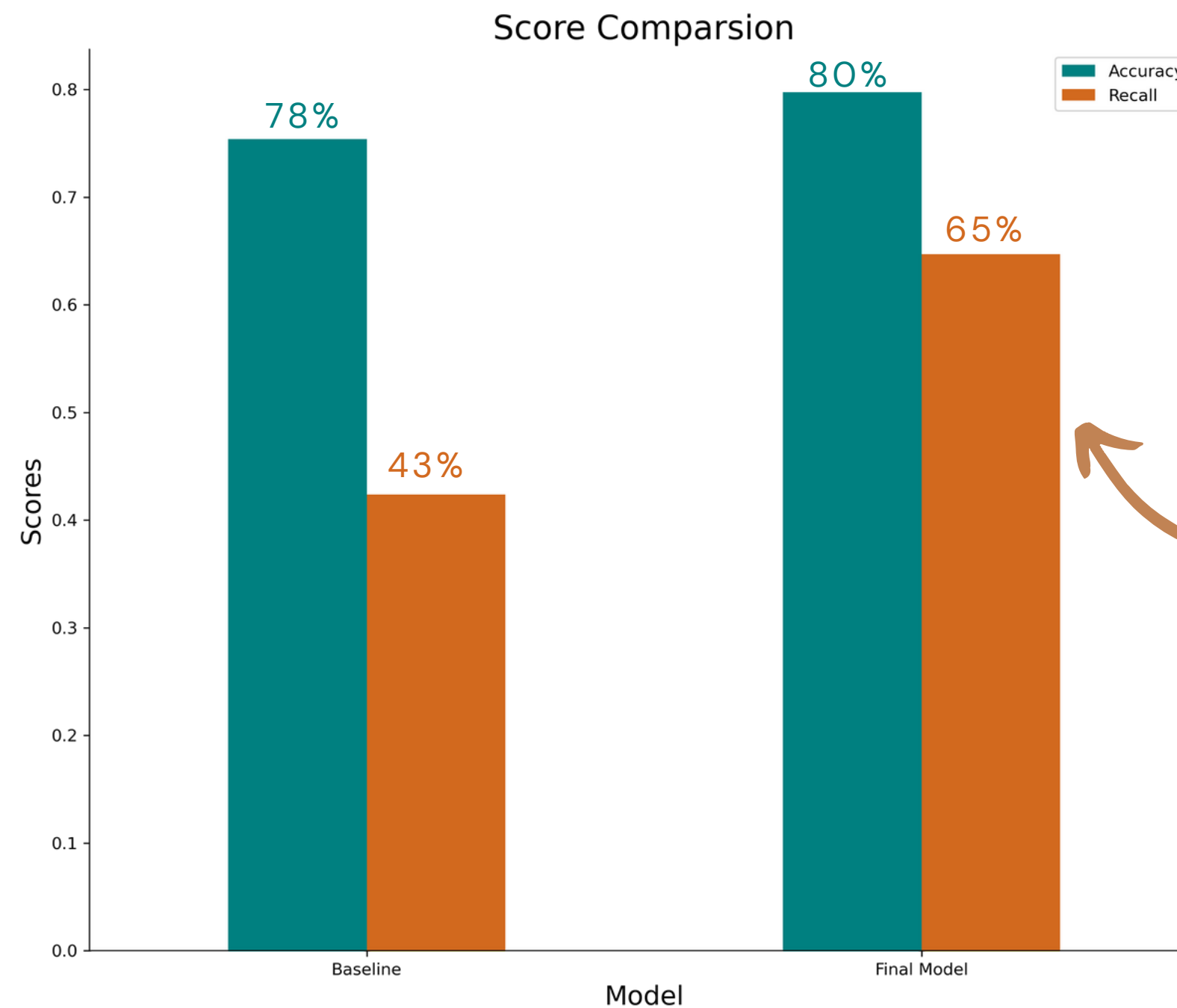
Number of Seasonal Flu Vaccinations



# PREDICTIVE MODELS

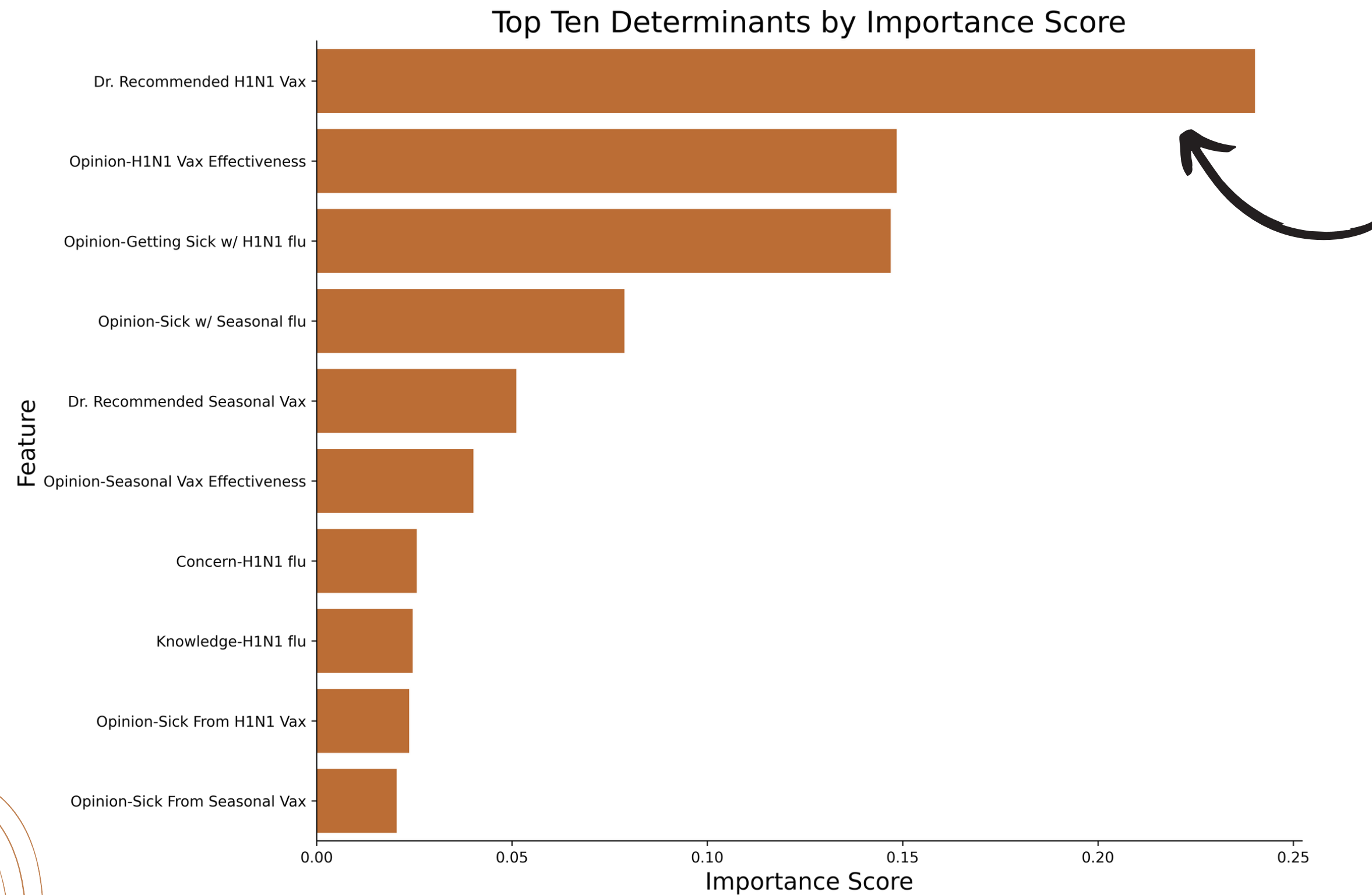


# MODEL COMPARISON



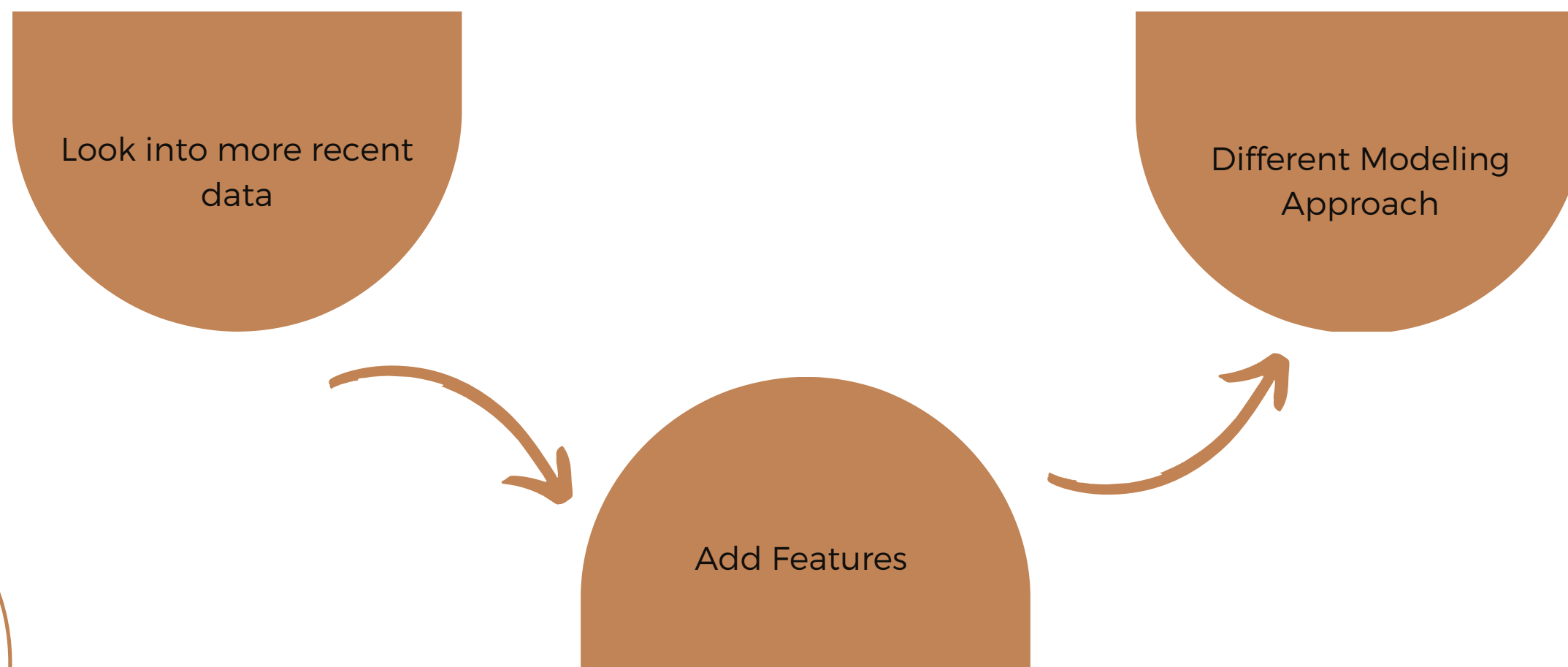


# INSIGHTS





# NEXT PROJECT



# THANK YOU!

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