



Heart Disease Prediction

Heart Disease

- Leading cause of death
- 700k deaths in 2020
- 80-90% preventable



Problem

- Prevention
- early intervention





Data

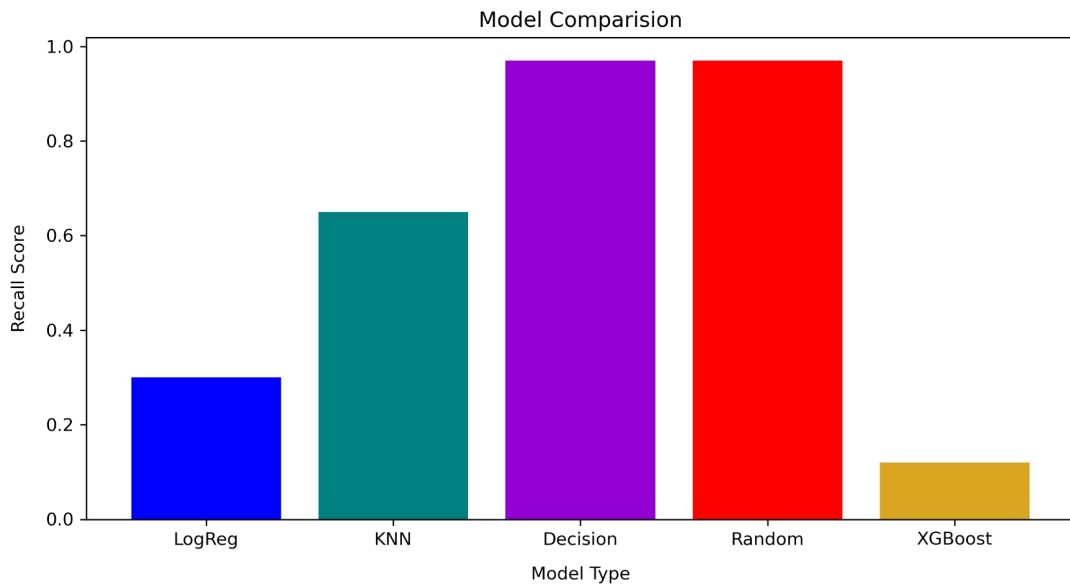
- CDC 2020 BRFSS survey data
 - 50 states + Puerto Rico, Guam and DC
- Exclusion of race, gender





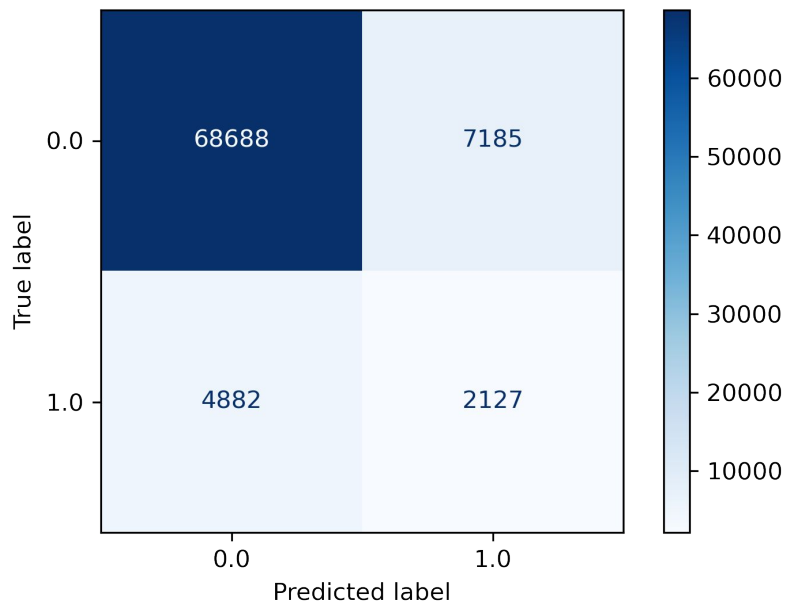
Model

- 0.64 on train
- 0.30 on unseen





Model Performance





App Demo

Next Steps

- Build model around history form
- Target refinement
- Refine app





Conclusion

- Recall : 0.30
- Further model improvements





Sources

CDC. Heart Disease Facts. [Link](#)

CDC. About Heart Disease. [Link](#)



Thank you

Any questions?

[Github](#) | [Linkedin](#) | [Email](#)

[Project Repository](#)