APPENDICES

Appendix A - Technical Details

- **Classifier Tuning:** Discusses parameter optimization for Random Forest (estimators and depth), along with ROC and confusion matrix evaluations.

- **Evaluation Metrics:** Includes precision, recall, and F1-scores for each classifier.

Appendix B - References

- External data source (Slide 2) - https://newsroom.heart.org/news/more-than-half-of-u-s-adults-dont-know-heart-disease-is-leading-cause-of-death-despite-100-year-reign.

Appendix C – Reflections

This analysis underscored the importance of balanced datasets in achieving model accuracy. With additional time, further research could explore advanced classifiers and neural networks to enhance predictive capabilities.