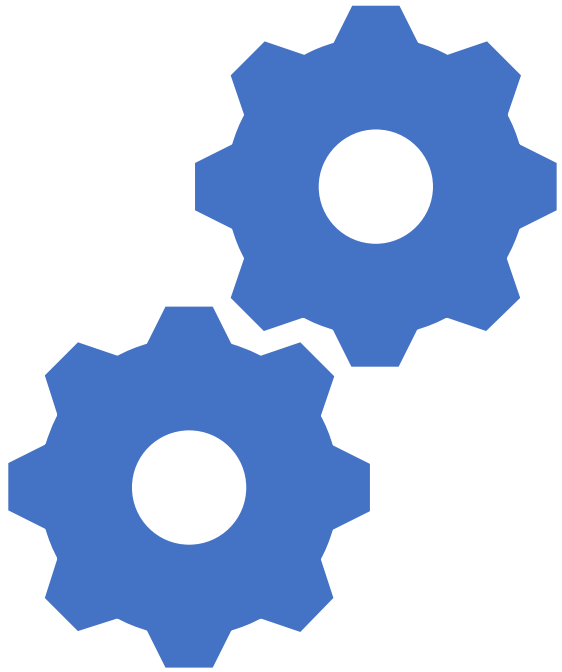
Technical Assessment (Part 1)

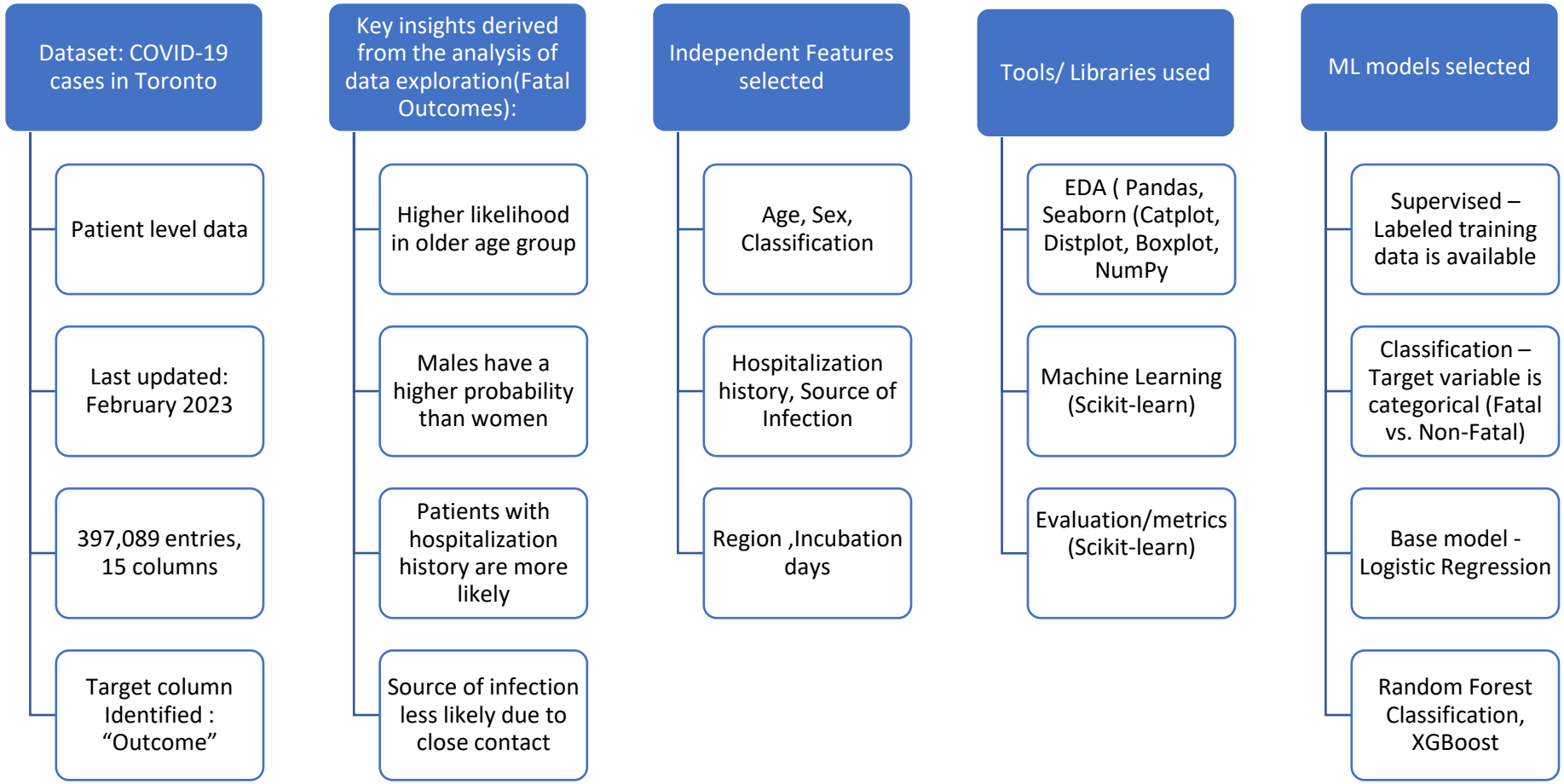


Research Objectives

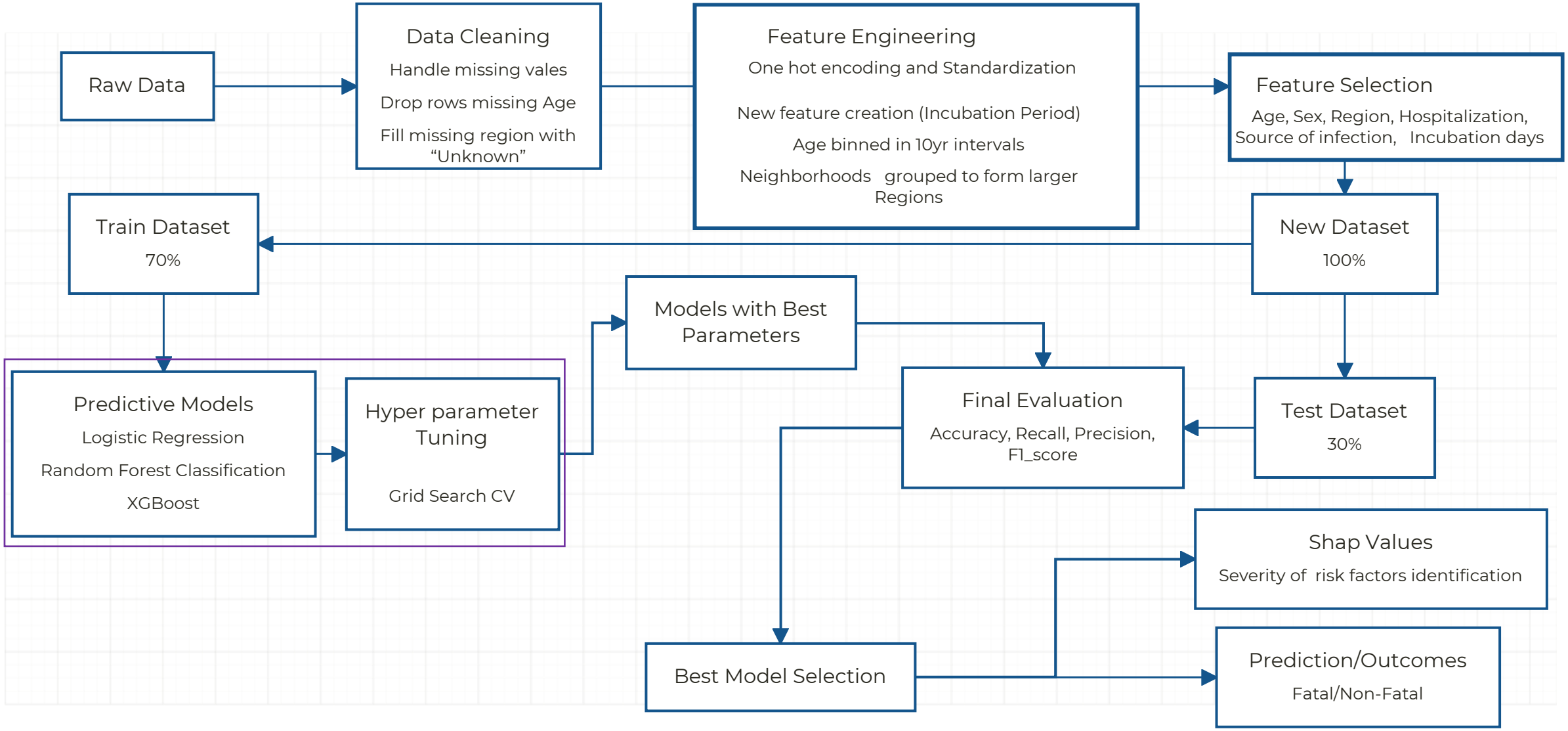
Predicting the risk of severe illness or death from COVID-19

Determining the severity of factors on COVID-19 fatalities

Data Structure and Exploratory Data Analysis (EDA)



Supervised Machine Learning Classification Workflow



Conclusion

The utilization of labeled training data holds promise in identifying valuable patterns and correlations

The model's potential to prioritize healthcare resources by predicting COVID-19 patient risk levels is significant

The exploration of influential factors may provide crucial insights into COVID-19 fatalities, guiding informed intervention strategies.

Continuous monitoring and proactive model updates are imperative for adapting to evolving COVID-19 patient outcomes