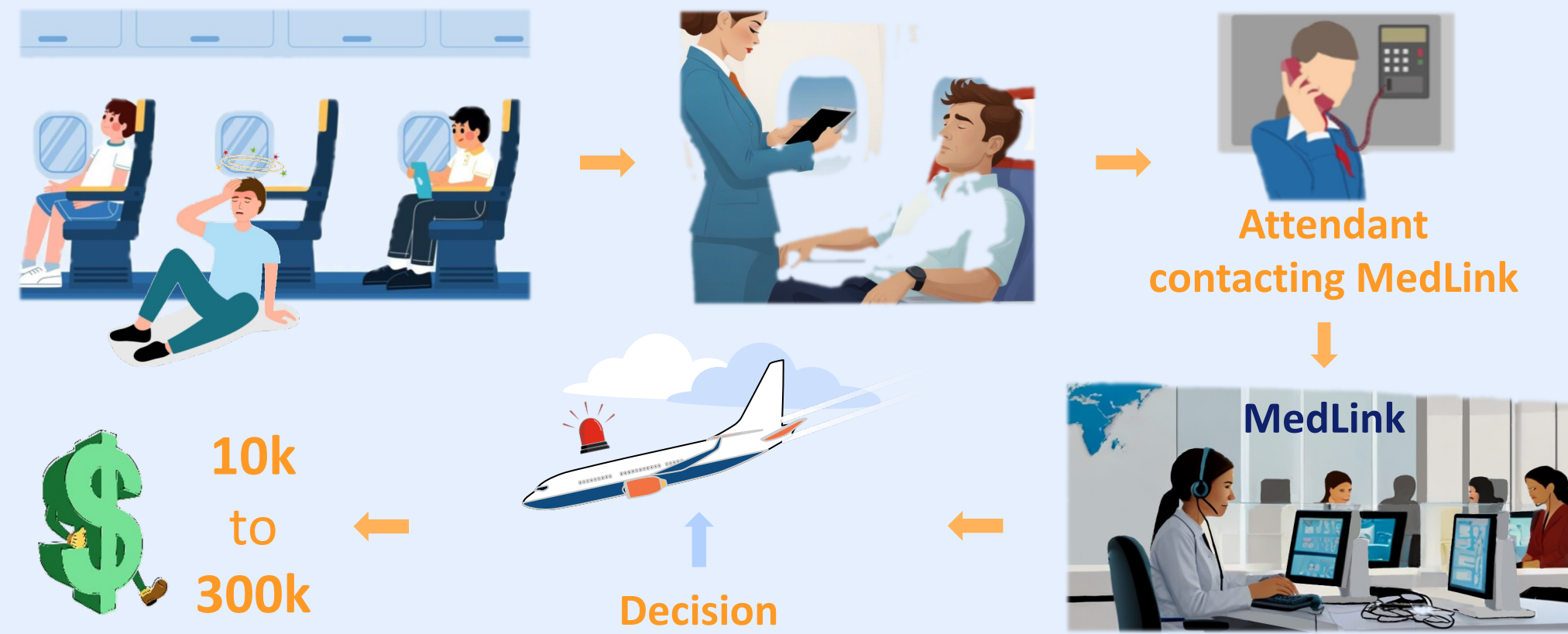


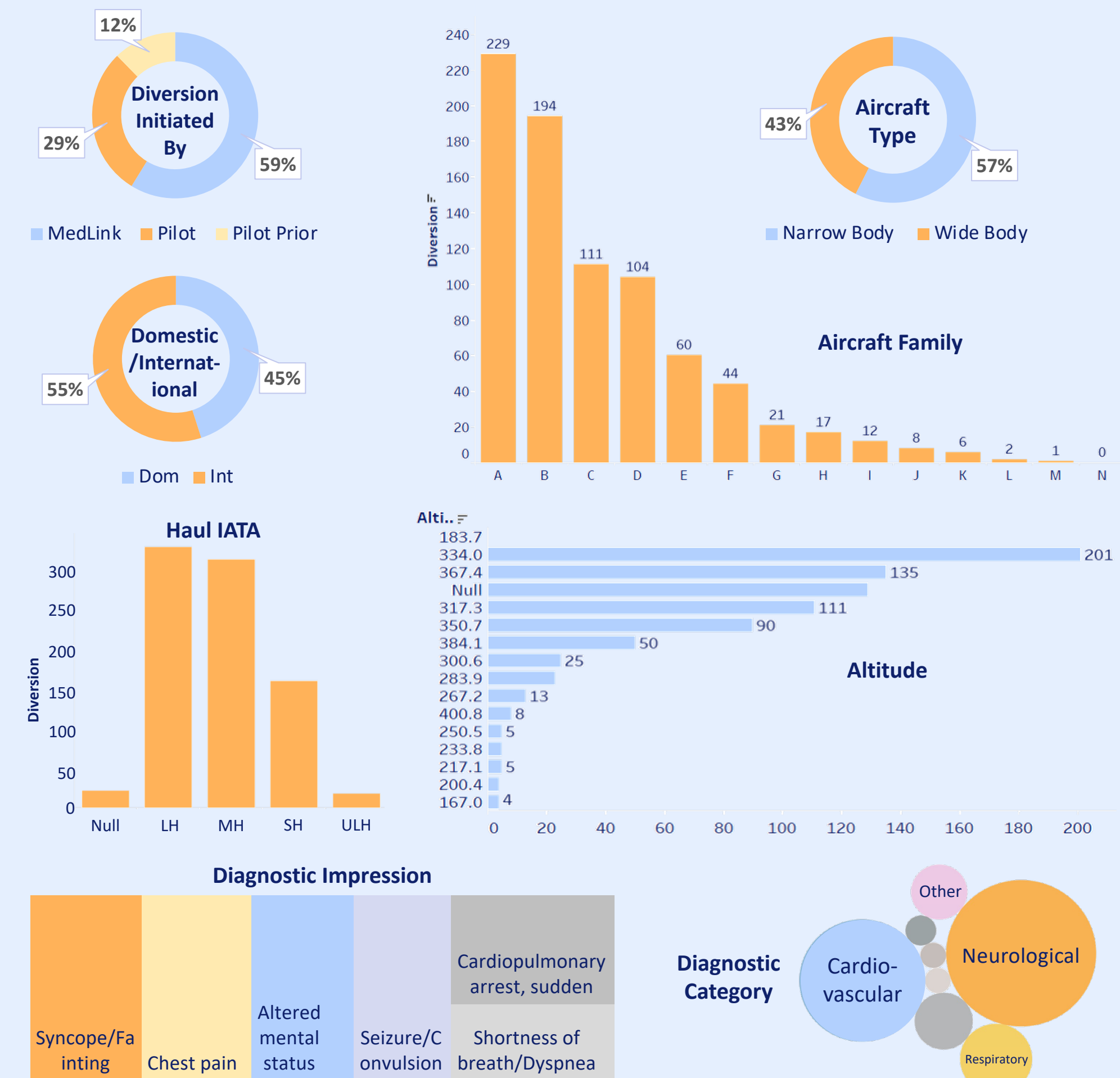
Business Problem



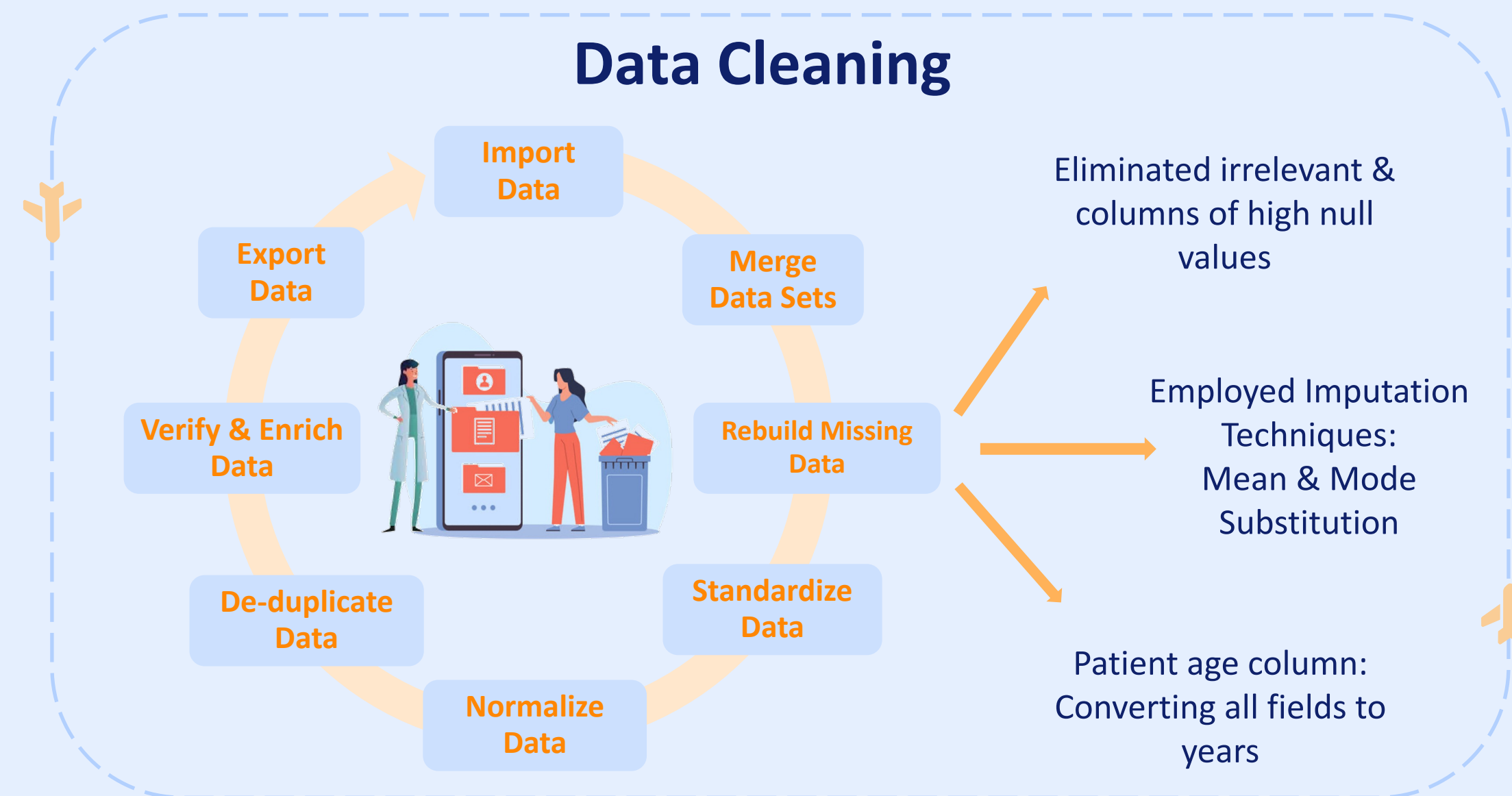
Objective



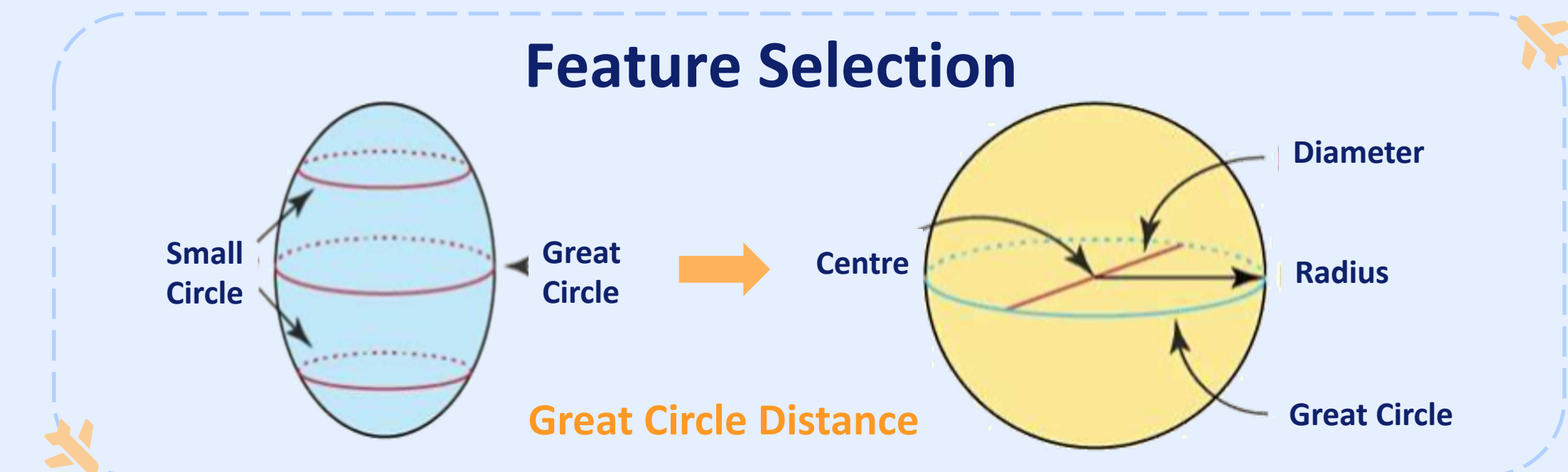
Data Visualization



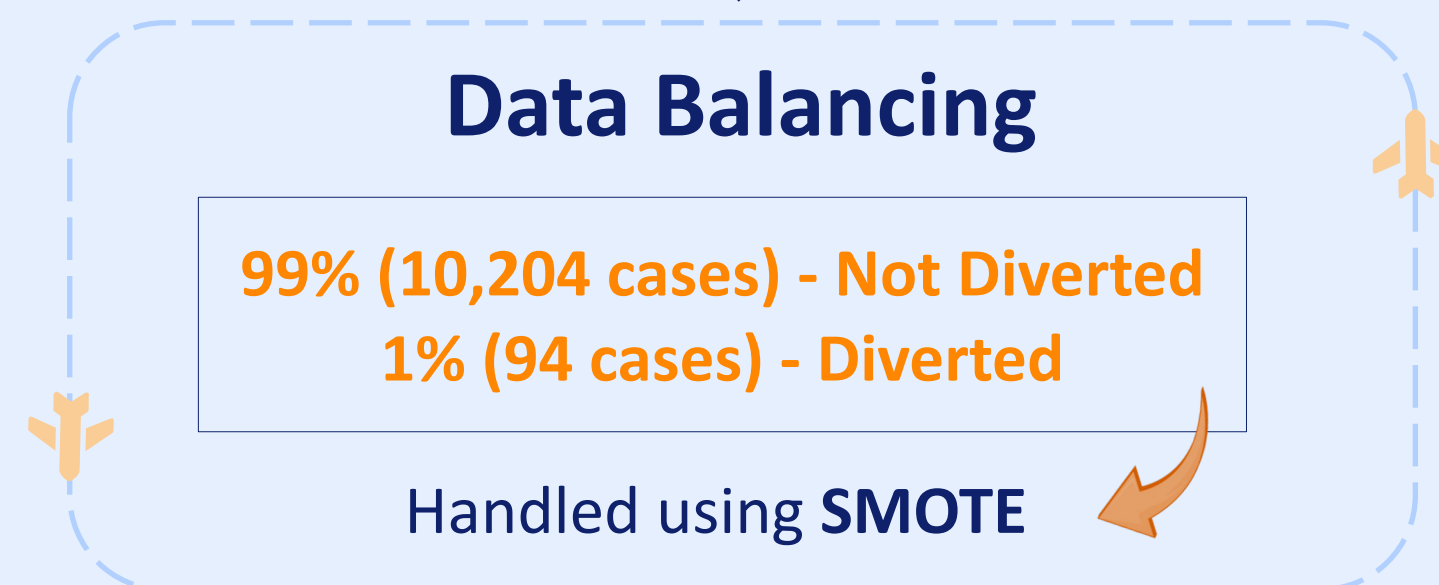
Data Cleaning



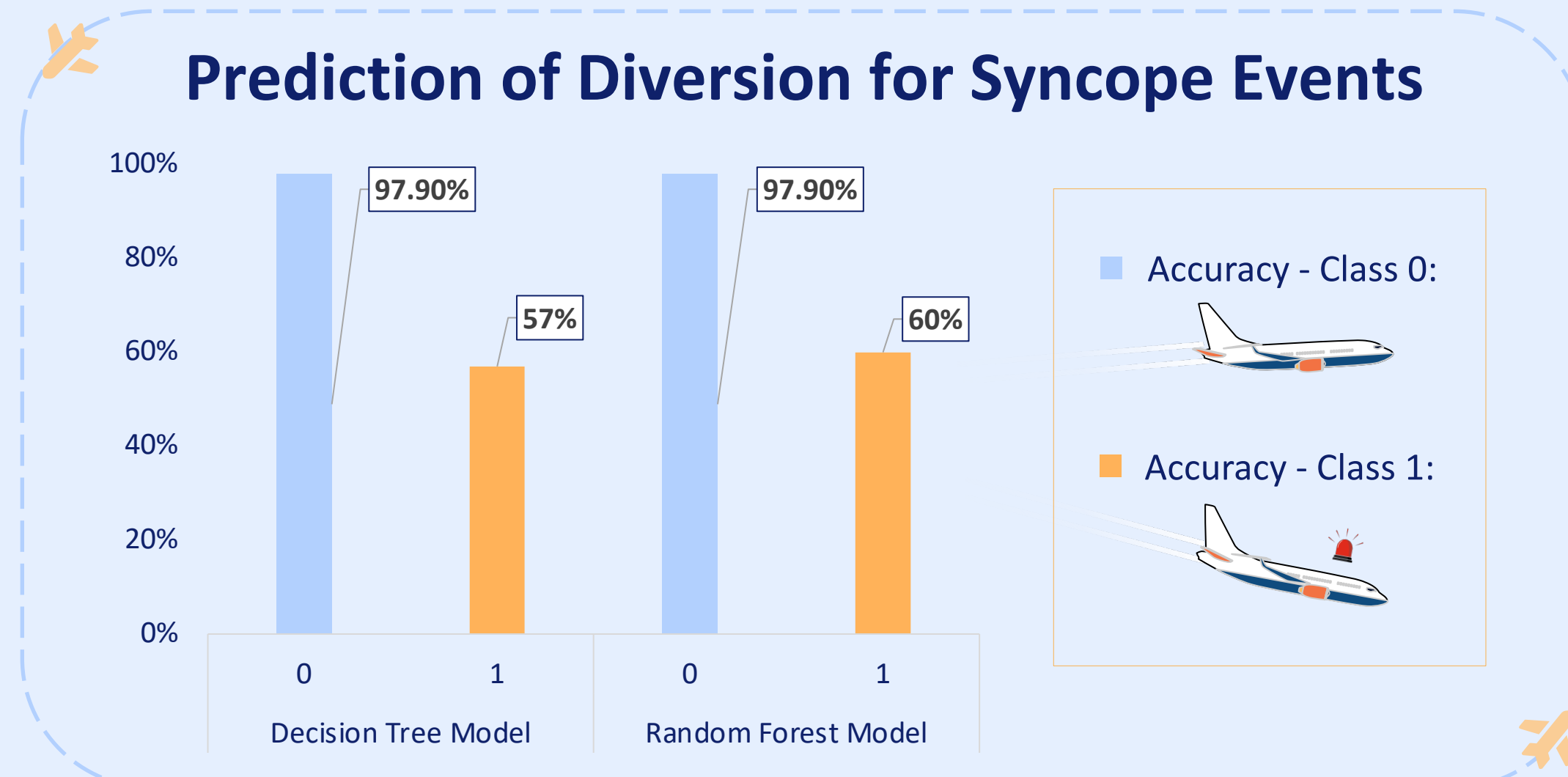
Feature Selection



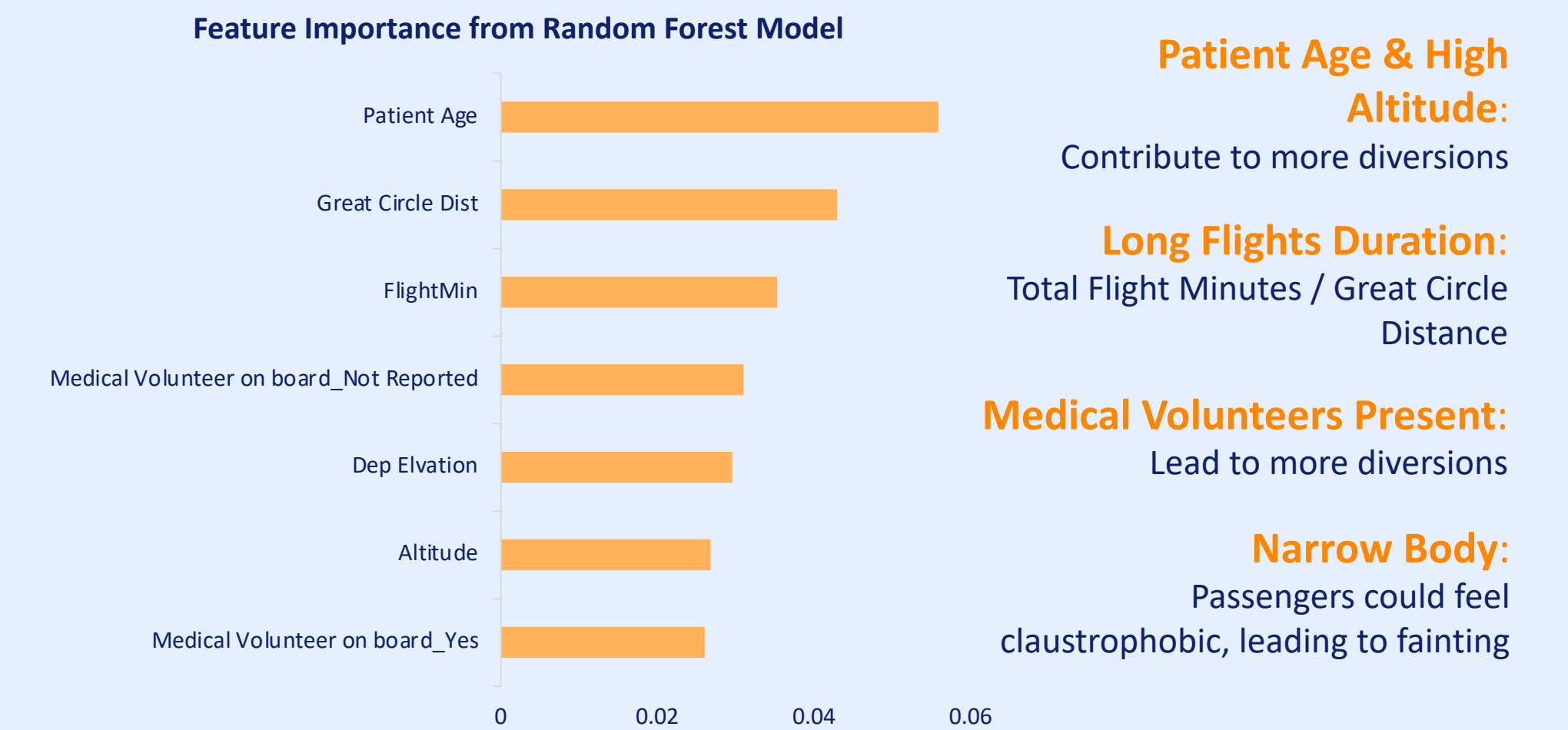
Data Balancing



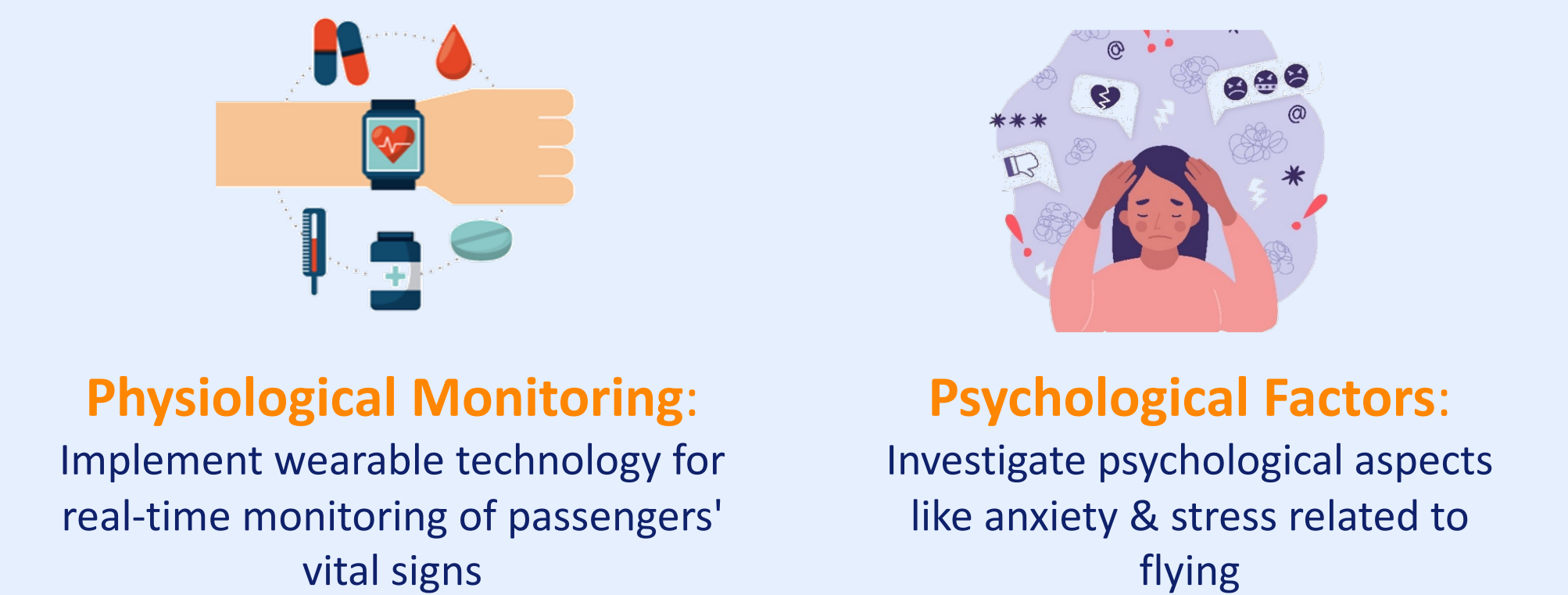
Prediction of Diversion for Syncope Events



Results



Future Work

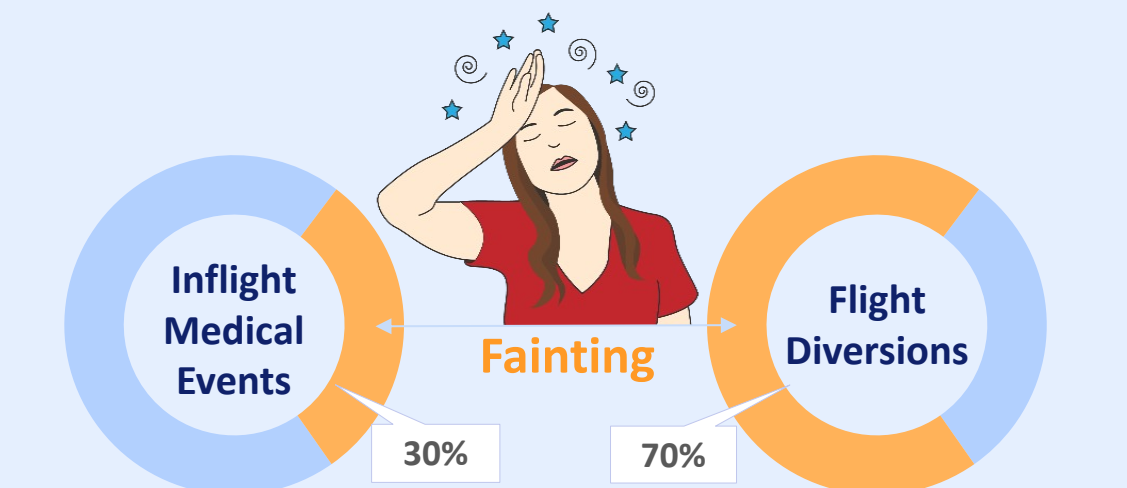


Literature Review

Common Causes [1, 3, 4]

- Drop in BP due to standing
- Alcoholism
- Diabetes
- Medication
- Low Oxygen

Prevalence [2, 6]



Management Strategy [5]



Risk factors [6]

Canadian Syncope Risk Score predicts serious events after fainting

References

1. Simons et al., 2008
2. Sandroni et al., 2009
3. Goswami et al., 2012
4. Chiang et al., 2012
5. Hampson et al., 2013
6. Kingsley et al., 2020