

# Travel Insurance Predictions

By Utilizing Data Science Techniques

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# Travel Agency

Predict sales of corona virus related travel insurance

Based on a set of commonly collected personal attributes

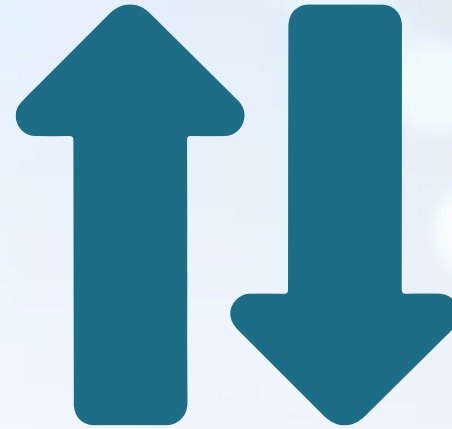
**Analyze the risks associated** with making any financial commitments

~~Estimated 20% Decline~~

**In Actuality, it became 40% Decline**



# Not offering pandemic travel insurance



**could mean losing sales to another travel agencies which do.**

### Issues

the agency has no historical sales to make estimates

difficult to calculate the effect not carrying the insurance would have on sales.

**predict the likelihood of potential travelers  
buying COVID insurance**

**safely cover the annual cost plus 10%**

The **total revenue predicted** by the model was ₹ 46,542.00.

The **estimated annual cost** to offer the insurance was ₹ 40,000.00, plus a ₹ 4,000.00 safety margin.

The **total profit** from offering the new insurance is ₹ 2,542.00.

## Final Recommendation

Move forward with the covid travel insurance offering



