# Hackathon

## Meta

This challenge is designed to test your skills as a hands-on solver and leader of real-world data science problems. There are coding, writing and interactive components to the challenge. Part of this challenge is to see how you code, and part is to structure requests for the code of those who report to you. Finally, part of it is to see how you organize a large, complicated project involving several people with different roles as well as a cast of stakeholders with differing priorities.

We expect this will take you about 5 hours to complete, not counting computer running time or the dialogue component of the case.

## Your Task

A superstore is experiencing a rise in returned orders. As returned orders incur cost that cannot be recovered, it is causing huge losses. Hence, the superstore wants to know beforehand the orders that has a propensity to be returned. You are required to help the superstore to suggest ways of identifying orders that will be returned and steps to be taken to reduce the return rate.

Looking at the Superstore data, create a predictive models to understand which orders will be returned. The task is:

1. Understand the data and identify patterns
2. Build a predictive model to identify orders that will be returned and provide suggestions to reduce the return rate