# 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. Have fun with it!

## Your Task

Your client is the city council of Boston, MA.  The council shared with you the attached data set and a data dictionary. The Boston city council leadership is interested in understanding the drivers behind the value of houses in Boston and are looking for data-driven recommendations on how they can increase the value of housing. They insist that the analysis be done in R.

1. Understand the data and identify patterns
2. Build a predictive model to identify the factors affecting value of houses in Boston

## The Data

We will provide you the client calculated KPIs and Business Outcomes data