# Data Challenge

## Overview

You have been provided with some sample retail sales data.

* Sales by item/store/day
* Item Hierarchy (Category)
* Item Detail (Description)

The 3 files all have a relationship between them

## Objective

To be able to review and summarise the data contained within the files and generate 2+ ‘findings’ (eg charts) to share back with the Hiring Manager.

You are free to use any tools / applications you are comfortable using. You may be asked to describe the approach you took.

**Tip**: Ensure you capture *all* the data in the sales file!

This is all based on real data – there are no intentional data errors, but like any live data, they could exist.

## Suggestions

This is a free-form exercise, but you may wish to consider

* What are the most popular products?
* Does the day of the week affect which category is most popular?
* Why might there be negative sales values?

## Once you’re done

You will have been provided with a Dropbox Link to where you can upload your output file.

If you load more than one file (eg a ‘findings’ file and a ‘workings’ file), please ensure it is clear which file should be reviewed for your findings.

You may also be asked to discuss your findings for approximately 10 minutes during an interview. This will vary depending on the timing; please check your email if you are unsure if this applies.