Capstone 3 ideas

1. How do strategic decisions impact the bottom line, like markdowns which are known to affect sales .

This is a dataset of historical sales data for 45 stores located in different regions of the US, each store contains a number of departments. The stores also run several promotional markdown events throughout the year. These markdowns precede prominent holidays, the four largest of which are the Super Bowl, Labor Day, Thanksgiving, and Christmas. The weeks including these holidays are weighted five times higher in the evaluation than non-holiday weeks. There are three datasets:

- sales data-set.csv, which has 421570 rows and 5 features and has store, if there was a sale and if it was a holiday
- Features data set.csv, which has 8190 rows 12 features and has date, temperature on that day, the price of fuel and if it is a holiday
- stores data-set.csv, which has 45 rows and 3 features and it has the size of the 45 stores

Can we predict which departments will be affected by markdowns and to what extent.

Data: **https://github.com/rime11/springboard/tree/master/capstone_3/raw_data/retail_sales**

2. What feature can be used to predicts car sales, is it price, or engine size or name brand. Can car sales be predicted using this data set.

The dataset contains used car information of 7 brands namely Audi, BMW, Skoda, Ford, Volkswagen, Toyota and Hyundai. It has 72,435 rows and 10 columns, which are: model, year, price,ransmission, mileage, fuelType, tax, mpg, engineSize, Make.

Data: https://github.com/rime11/springboard/tree/master/capstone_3/raw_data/cars_sales

3. Can we predict product sales for an online gift store
The dataset has 1, 067,371 rows and 8 columns, which are Invoice, StockCode, Description, Quantity, InvoiceDate, Price, Customer ID, Country

https://archive.ics.uci.edu/ml/machine-learning-databases/00352/