

DMC TIMES

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1 Week 1: 4/2-4/8

This week we did some data research. What we have found are:

- 3 main categories: 1, 9, 15;
- each main category has 3 or 4 categories and they have little joint;
- products in main category 15 do not have subcategory;
- in each maincategory, different categories have different subcategories.
- each product has only one release date for all sizes.
- products in subCategory 27 do not have size variable;
- rrp has only 89 values which might be used to classify products.

2 Week 2: 4/9-4/15

2.1 Group Discussion on Monday

By checking the Price data, we found that only 1866 items among 12824 items that had price change from 2017/10/1 to 2018/1/31, which means that most products had constant price. I think that we can use price as the weight and we can transform the question to find the estimation of units sold per day for each product because the training data is very sparse.