

Company wants to optimize their business and excluding want of goods /oversupply of goods in manufacturing by DS&ML solution. The goal is find way to predict sales (in units) for each products using only information from seller site. Some information about the units sold was provided by the company (Target in the input file). Other information was taken from the seller's website.

Our data is in ProductInfo.csv. There is information about Products and different Rank of product position on web-site:

- ProductCode – Product ID
- BrandName – name of seller
- Week – week number
- Color – product color
- Target – value to predict (how many units were sold)
- RankA...RankD – is the product position from website when the best-seller filter on the page was selected.
- Price,..., ReviewCorrected – other details about products from website.

Your tasks are:

- Analyze Data Set (explain each steps of data analysis)
- Build and train model suitable for the problem
- Propose a metric to evaluate your system

Note:

you use real data for analysis, therefore, the accuracy of the simulation can drop significantly compared to the training data from theoretical examples.