




Practice Peer-graded Assignment: Assignment 1

Ready for the assignment?

You will find instructions below to submit.

 It looks like this is your first peer-graded assignment. [Learn more](#)



Instructions

My submission

Review classmates

Discussions

Exploration, Analysis and Review of data from Black Friday

Try to explain in your words why a process model and architectural decision guidelines are needed in data science projects

[Preview grading criteria](#)

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According to the article "AI_Methods_Overview_Romeo_Kienzler_v3" a majority of Data Scientists is not a team players and therefore some guidance is necessary. Since a lots of projects is multidisciplinary every team member must communicate with other team members and in process and different stages and phases of project a certain procedure must be followed. Here comes decision guidelines and process model to the fore. This two 'actors' helps every project team member to systematically and unifyingly do their part of the job. This approach helps the avoidance of Ad-hoc documentation, poor code quality, complex and mixed technologies etc.

Please describe your use case and data set

[Preview grading criteria](#)



The data set (csv file) here is a sample of the transactions made in a retail store collected on Black Friday.



Data set have more than half million entries and tables contain 12 columns (it contains different kinds of variables either numerical and categorical).

Analysing this data can help us to know better the customer purchase behaviour against different products. We have here different sort of problem such as regression problem where we are trying to predict the dependent variable (the amount of purchase) with the help of the information contained in the other variables.

Classification problem can also be settled in this dataset since several variables are categorical, and some other approaches could be "Predicting the age of the consumer" or even "Predict the category of goods bought". This dataset is also particularly convenient

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Save draft

Preview

