
VERTICA
Vertica ML Python Library
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Homework Instructions

- Homework will be released during the year in the 'homework' folder.
- A detailed correction will be released later.
- You can send your notebook to badr.ouali@microfocus.com (I will try to answer as soon as possible)
- You can send me questions about each homework (but please group all your questions in one single mail)
- Some 'Learning Together Hours' will be organized for each homework where my solution will be revealed.
- You can follow the 'iris' and 'titanic' tutorials to understand the library. The documentation can be really helpful.
- You can also help the community and create your own homework about Vertica-ML-Python. In this case, feel free to contact me. I would be glad to explain you how it can be done.
- Most of all, enjoy! All the homework will help you to understand data science in a really interesting way.

VERTICA PYTHON

Homework1: Wine Quality: Which wine is the best?

- Wines are all different because of their composition. A "good" wine is a very subjective definition as everyone has not the same knowledge about Viticulture. Some experts decided to rate different red/white wines in order to understand what makes a wine so good. We have access to the information about 6500 different wines. The purpose of this homework is to create a good model to predict wine quality.

- Difficulty: Easy
- Estimated Time: 1 day

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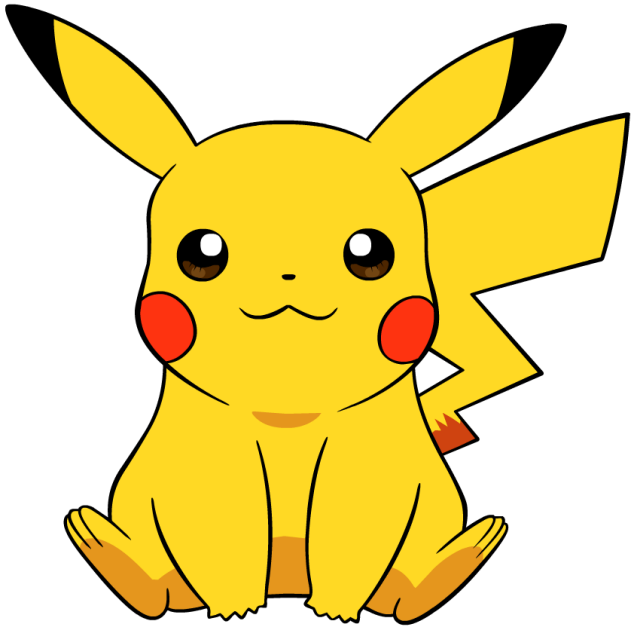
Homework2: Pokemon - Weedle's Cave

- You are entering the Weedle's Cave. Many Pokemons having really different characteristics are fighting. The purpose is to build a Machine Learning algorithm to predict which Pokemon will win the different fights. Will you be able to predict the outcome of future matches?



- Difficulty: Hard
- Estimated Time: 3 days

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THANK YOU