PREDICTIVE MODELLING: DECISION TREES

Your company is focused on how to make good predictions using different types of algorithms. This time it was requested that you as a data analyst can contribute to the team knowledge regarding this subject. Bellow you can see the email that was sent to you.

" Welcome our new data analyst !!!

We are happy to have you onboard.

Our team is planning a lunch and learn session and we will be more than happy to see a presentation

from you regarding the use of Decision trees for classification problems. Please feel free to bring any example that can

add value to our knowledge on this topic. I ask you to create a single Jupyter notebook where you can present these items:

- **Business problem description;**

- **Feature Engineering and Exploratory data analysis (EDA);**

- **Classifiers and datasets (Training and Test);**

- **Any metric that can show the accuracy of the model(s);**
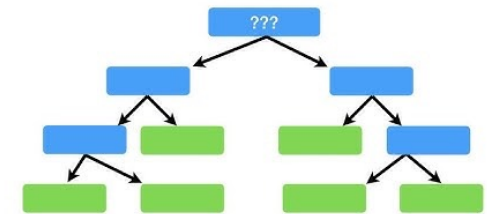
Thanks for all your support.

Marcos Bittencourt

Manager, Data Analytics"

Decision Trees…

…clearly explained!

Your Exercise deliverable should be : 1 dataset to be used + 1 Jupyter Notebook

Submit a zip file with both on your course website.