decision_trees_real_data_practice_workbook

September 22, 2020

1 DECISION TREES REAL DATA PRACTICE WORKBOOK

2 IMPORT THE DATA

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In [ ]: # import packages going to use
In []: # import the data to colab
        # read the data into google colab
In []: # print out the headder
In []: # look at the information for the data
In []: # do you have a problem with missing data?
In []: # select the data you are going to use
        # survived, pclass, mf, age, sibsp, parch
In [ ]: # create a new data set from this data selection and drop the nans
In []: # look at data set
In []: # import decision tree classifier if you haven't done so already
In []: # set up your data to test on as sibsp and parch
        # set up your answer as survived
In []: # run the model on the data selection
In []: # look at the graph
        !apt-get install python-pydot
        !pip install pydotplus
        from sklearn.tree import export_graphviz
        from sklearn.externals.six import StringIO
        from IPython.display import Image
        import pydotplus
        tree_data = StringIO()
        export_graphviz(titanic_tree, out_file=tree_data)
        graph = pydotplus.graph_from_dot_data(tree_data.getvalue())
        Image(graph.create_png())
```

In []: # what were their survival chances?