* Find the average values for each column associated with each DBN in class\_size.
  + Use the [pandas.DataFrame.groupby()](http://pandas.pydata.org/pandas-docs/stable/groupby.html" \t "_blank) method to group class\_size by DBN.
  + Use the [agg()](http://pandas.pydata.org/pandas-docs/stable/groupby.html" \l "aggregation" \t "_blank) method on the resulting pandas.core.groupby object, along with the numpy.mean()function as an argument, to calculate the average of each group.
  + Assign the result back to class\_size.
* Reset the index to make DBN a column again.
  + Use the [pandas.DataFrame.reset\_index()](http://pandas.pydata.org/pandas-docs/stable/generated/pandas.DataFrame.reset_index.html" \t "_blank) method, along with the keyword argument inplace=True.
* Assign class\_size back to the class\_size key of the data dictionary.
* Display the first few rows of data["class\_size"] to verify that everything went okay.

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# import numpy to calculate the mean

import numpy

# group dataframe by "DBN" column and calculate the mean of the groups

class\_size = class\_size.groupby("DBN").agg(numpy.mean)

# reset the dataframe so that the DBN column to remain a column and not the index

class\_size.reset\_index(inplace = True)

# assign the new dataframe into the key of class\_size of the data dictionary

data["class\_size"] = class\_size

# print 5 lines

print(data["class\_size"].head())