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CS 257

Prof. Ondich

4/16/16

Dataset Description:

        We will use Carleton's Declared Major Counts from Fall 2000 - Fall 2015 (https://apps.carleton.edu/campus/ira/assets/Declared_Majors_Trends_Summary.pdf). The census shows the declared majors of both Carleton juniors and seniors, broken down into male and female, as of fall 2000. The dataset is published by Institutional Research and Assessment of Carleton and is open to the general public, for users do not need a Carleton ID to view it. By using the provided link, the information may be easily downloaded as a pdf file which can then be converted into an excel file by using an online pdf to excel converter.

Features (*Ranked from most to least important*):

- Access statistics regarding declared Carleton majors by year
- General trends mapping (male to female ratio, etc.)
- Predict the growth or decrease of a specified major based on the overall trends of the past 15 years
- Through Highly Scientific algorithms, measure the campus climate by year (ex. grandiloquence, most money bags, artsiest, etc.)

Mockup Images:

https://cs.carleton.edu/majordata/high_low/

Carleton College Major Data

Highest & Lowest Overall Majors ⊘

Options ⊘

Timeline: 2001
to
2015

Gender Select ▾

High   # Low   # High   # Low

Major Title   Major Title   Major Title   Major Title

Year   Year

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http://www.cs.carleton.edu/majordata/fun_stuff/

Carleton College Major Data

Extremely Scientific Calculations ⊘

Options ⊘

Data Year: 2001

Filter: ● Grandiloquence
○ Artistry
○ Humanities
vs.
STEM
○ Money Grubbers
○ Etc.

The symbols could maybe change depending on which filter is selected