Presentation Requirements

Create a single page dashboard web application using the dataset provided for the interview presentation. The dashboard application should provide select feature to help visualize the information by institution. For dashboard organization, you could either use the guideline provided below or design your own. The application, preferably, should be developed using one of the following frameworks.

* Django
* Angular

For client side/UI development, you could use any technology/framework of your choice. For visualization, use any of the open source JavaScript libraries (plot.ly, d3.js, chart.js…).

The webpage should be database driven and you could use any open source database of your choice. The application should, preferably, handle the data in json format.

Dashboard Sections (Layout Organization)

* University profile
  + Name
  + Location
  + Address
  + Type of Institution
  + Locale
  + Total UG students
  + Salary After Attending
* Costs
  + Average Annual Cost
  + Average Annual Cost by family income categories
* Financial Aid/Debt
  + Students Paying Down Their Debt
  + Average Annual Cost
  + Typical Total Debt
  + Typical Monthly Loan Payment
  + % Student Receiving Federal Loans
* Graduation and Retention
  + Graduation rate
  + First-time, full-time student retention rate at four-year institutions
  + First-time, part-time student retention rate at four-year institutions
* Earnings After School
  + % Earning above High School Grad (Percentage Earning Above High School Grad)
  + Salary after attending
* Student Profile
  + Fulltime/Part-time
  + Socio Economic Diversity
  + Enrollment % distribution – Race/Ethnicity
  + SAT/ACT Scores – percentiles (score ranges between 0 to 800)
* Graduation Academic Programs
  + % of degrees awarded by programs
  + Rank the the programs by degree awarded

***Note:***

* ***The dataset has national average data for some of the data fields. Please use that data to provide comparative measures in visualization (eg: % Graduation rate: National average v/s Institution)***

Dataset

The dataset required is enclosed. Please feel free to recode the field names.