





The figure displays four charts arranged in a 2x2 grid, each with a title and a description of the data it represents. The charts are labeled as follows:

- Bar-Chart 1:** The title is "Race / Ethnicity, by group vs Student Count". The chart shows four bars of increasing height from left to right, representing the student count for different racial/ethnic groups.
- Bar-Chart 2:** The title is "Parents Level of Education vs Student Count". The chart shows four bars of increasing height from left to right, representing the student count for different levels of parental education.
- Pie-Chart 1:** The title is "Lunch - Standard vs Free / Reduced". The chart is a circle divided into two segments: a smaller shaded segment and a larger unshaded segment, representing the distribution of lunch types.
- Pie-Chart 2:** The title is "Test Preparation - Completed vs None". The chart is a circle divided into two segments: a smaller shaded segment and a larger unshaded segment, representing the distribution of test preparation status.

- Header > include a reset data button
- Consider an 'Accordion' type design?
- <header> - fixed position
- Introduction select filter upto 1,000 student records
- Gender Section - Dropdown box with Male / Female. Show glyphicons & % split
- Bootstrap - Introduction & Gender (col-xs-12 col-md-6)
- Headline section = Maths, Reading & Writing (Average, Min & Max) results in % circle display
- (All results are out of 100, so % metric is ok) - Outer circle = % complete
- Analysis (Line Graph) - x3 lines (Maths, Reading & Writing). x-axis = Student, y-axis = Exam Score
- Analysis - Scatter Plot x3 - (Maths, Reading & Writing). x-axis = Student, y-axis = Exam Score (col-xs-12 col-md-12 col-lg-4)
- Analysis - Bar-Chart x2 (col-xs-12 col-md-6 col-lg-3)
- Analysis - Pie-Chart x2 (col-xs-12 col-md-6 col-lg-3)
- Font > Calibri (body), sans-serif
- Text > #000 & #fafa0a (Black & Off-white)
- Colour palette > Monochromatic scheme (Blue) = #DEE9FC, #6395F2, #1258DC, #0A337F & #091834
- All containers = Mobile 1st design
- All charts to have their respective title narrative with <hr> to separate from chart
- Wallpaper background - Education type imagery i.e. mortar boards, etc
- Education images sourced from web. Credit to be given
- Social media > create links to external media sites
- Buttons styled with rounded edge > border-radius
- Data sourced from <https://www.kaggle.com/spscscientist/students-performance-in-exams#StudentsPerformance.csv>
- Sample of 1,000 Students exam results in Math, Reading & Writing