

Assignment 1

1. Info (HTML & CSS) (15 pts)

**VIKRAMADITYA REDDY
VARKALA
Z1973679**

*Data
Visualization(CSCI 627)
2023-09-13*

```
<div id="info">
  <div class="left">
    <h1 id="name"> VIKRAMADITYA REDDY VARKALA </h1>
    <h2 id="id"> Z1973679 </h2>
  </div>
  <div class="right">
    <h2 id="title"> Data Visualization(CSCI 627) </h2>
    <h3 id="date"> 2023-09-13 </h3>
  </div>
</div>
```

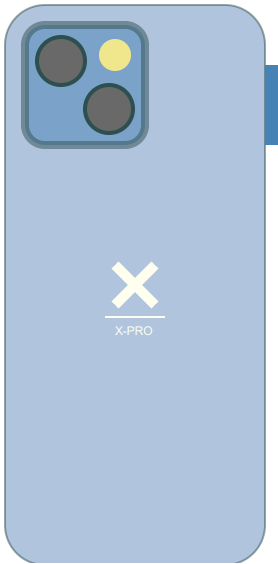
```
<style>
#info {
  display: flex;
  justify-content: space-between;
}

#name, #id {
  color: Steelblue;
}

#title, #date {
  color: Steelblue;
  font-style: italic;
  font-weight: normal;
}

.right {
  border: 2px solid Royalblue;
  margin: 10px;
  padding: 10px;
  border-radius: 10px;
  text-align: right;
}
</style>
```

2. Camera Phone (SVG & CSS) (20 pts)



```
<svg id="camera" width="150" height="300">
  <!-- Phone Body -->
  <rect x="10" y="10" width="130" height="280" rx="20" ry="20" fill="lightsteelblue"
stroke="darkslategray" stroke-opacity="0.5"/>

  <!-- Side Button -->
  <rect id="button" x="140" y="40" width="8" height="40" fill="steelblue"/>

  <!-- Camera Region -->
  <rect x="20" y="20" width="60" height="60" rx="10" ry="10" fill="steelblue" fill-
opacity="0.5" stroke="darkslategray" stroke-width="4" stroke-
opacity="0.5"/>

  <!-- Lenses -->
  <circle cx="38" cy="38" r="12" fill="dimgray" stroke="darkslategray" stroke-width="2" />
  <circle cx="62" cy="62" r="12" fill="dimgray" stroke="darkslategray" stroke-width="2"/>

  <!-- Flash -->
  <circle id="flash" cx="65" cy="35" r="8" fill="khaki" />

  <!-- Logo -->
  <line x1="65" y1="140" x2="85" y2="160" stroke="ivory" stroke-width="5"/>
  <line x1="65" y1="160" x2="85" y2="140" stroke="ivory" stroke-width="5"/>
  <line x1="60" y1="166" x2="90" y2="166" stroke="ivory" stroke-width="1"/>
  <text x="65" y="175" font-family="Arial" font-size="6" fill="ivory">X-PRO</text>
</svg>

<style>
#button:hover ~ #flash {
  fill: white;
}
```

```

}
</style>

<!-- References For Color:https://johndecember.com/html/spec/colorsvg.html -->
<!-- Reference Hover:https://developer.mozilla.org/en-US/docs/Web/CSS/:hover -->
<!-- Reference https://developer.mozilla.org/en-US/docs/Web/CSS/General_sibling_combinator -->

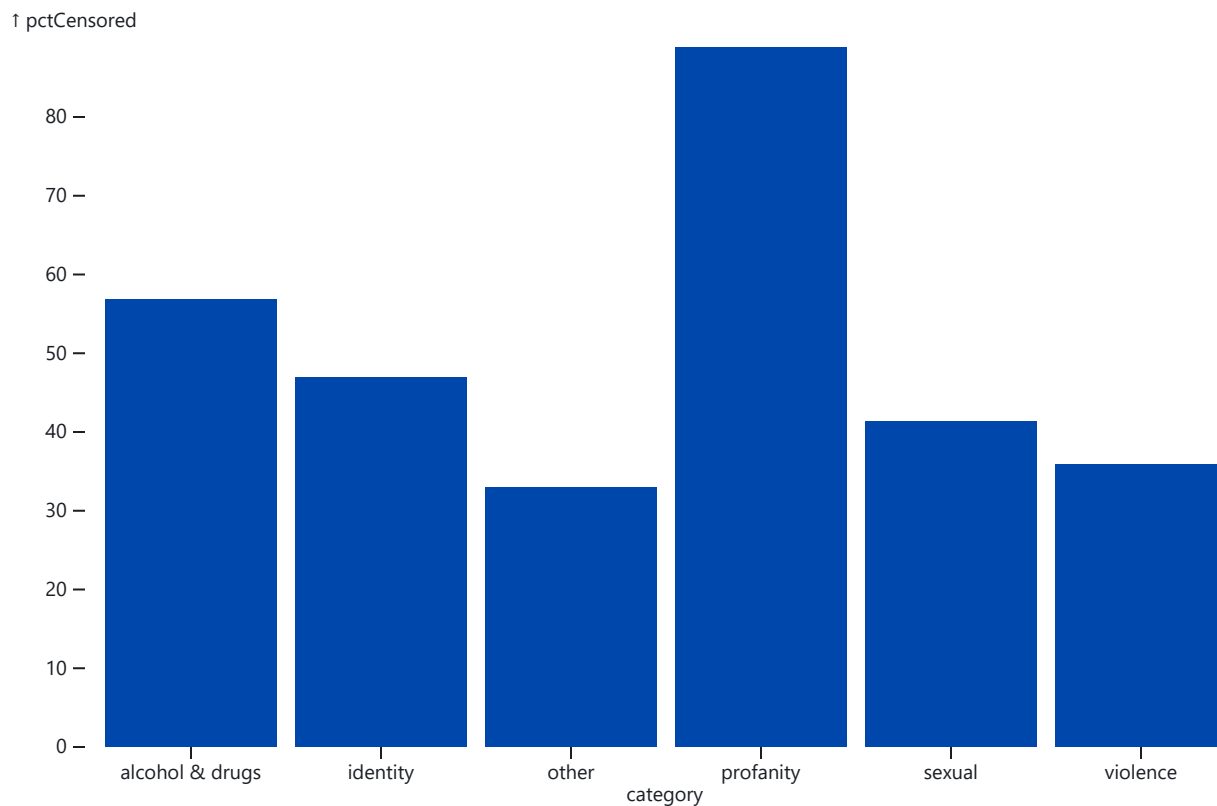
```

3. Bar Chart (Plot) (15 pts)

```

data = ▶ Array(6) [Object, Object, Object, Object, Object, Object, columns: Array(4)]
data=d3.csv("https://raw.githubusercontent.com/the-pudding/data/master/kidz-bop/KB_group-
overview.csv")
// load the data

```



```

Plot.plot({
  marks: [
    Plot.bary(data, {x: "category", y: "pctCensored", fill: "#0047ab"})
  ]
})

```

