

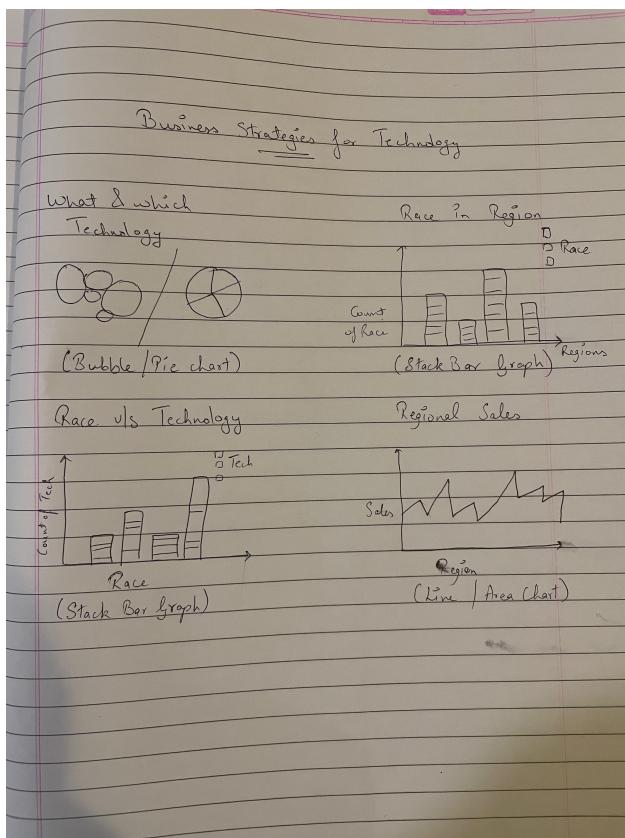
# Project Plan

## Abstract:

Technology, the application of scientific knowledge to the practical aims of human life or, as it is sometimes phrased, to the change and manipulation of the human environment. Electronic Application means an application electronically signed and submitted through the Internet.

Understanding of the market of electronic applications in different regions also depending upon the different races living in United States is what interests me. This analysis will help us understand where can a businessman or a telecom company should open a new store or a franchise where he can make significant profit and also provide new devices or services to the people of the same regions where our visualization suggests. Thinking from business perspective, this report will also help the companies of advertisement industry, as they will also have the knowledge of where to advertise and to which race for the electronic applications.

## Final sketches:



## Proposed site architecture:

```

index.html — Documents
index.html # style.css
IDV > Repositories > Interactive-Data-Vis-Fall2022 > Project > index.html > body > div.row > div.column > div#3
1  <!DOCTYPE html>
2  <head>
3    <meta charset="utf-8">
4    <title>Interactive Data Visualization Tutorial</title>
5    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro">
6    <link rel="stylesheet" href="./style.css">
7  </head>
8  <body>
9    <div>
10      <span>
11        <h1>Regional usage of Technology </h1>
12      </span>
13    </div>
14    <div class="row">
15      <div class="column" style="background-color: #white;">
16        <h3>Technology usage</h3>
17        <p>Which technology is mostly used</p>
18        <div id = "1">
19          </div>
20        <h3>Technology used by Race</h3>
21        <p>Different people using different technology</p>
22        <div id = "2">
23          </div>
24      </div>
25      <div class="column" style="background-color: #white;">
26        <h3>Race in Region</h3>
27        <p>Different people living in different region/states</p>
28        <div id = "3">
29          <h3>Regional sales</h3>
30          <p>Sales conducted in various regions</p>
31          <div id = "4">
32            </div>
33          </div>
34        </div>
35      </div>
36      <script src="../lib/d3.js"></script>
37      <script src="main.js"></script>
38    </body>
-- 

```

## Data sources:

I will be working on dataset generated on IPUMS census data. My dataset would roam around Region and Race being the main entity while electronic mediums and services like smartphone, tablet, cellular service, etc would be my side heroes for my reports which would sum up to my interest.

YEAR	SAMPLE	SERIAL	CBSERIAL	HHWT	CLUSTER	REGION	STATEFIP	COUNTYFIP	CITY	STRATA	GQ	CILaptop	CISMRTPHN	CITABLET	CIOTHCOMP	PERNUM	PERWT	RACE	RACED
2019	201901	5	2019010000205	353.51	2019000000051	32	1	97	0	270101	3	0	0	0	0	1	353.51	2	200
2019	201901	11	2019010000497	667.0	2019000000111	32	1	3	0	260001	3	0	0	0	0	1	667.0	2	200
2019	201901	18	2019010000773	506.92	2019000000181	32	1	0	0	210001	3	0	0	0	0	1	506.92	2	200
2019	201901	25	2019010001133	446.89	2019000000251	32	1	0	0	40001	3	0	0	0	0	1	446.89	1	100
2019	201901	31	2019010001553	386.86	2019000000311	32	1	0	0	10001	3	0	0	0	0	1	386.86	1	100
2019	201901	38	2019010002059	526.93	2019000000381	32	1	73	0	130101	4	0	0	0	0	1	526.93	8	801
2019	201901	45	2019010002777	80.04	2019000000451	32	1	0	0	20001	4	0	0	0	0	1	80.04	1	100
2019	201901	51	2019010003216	233.45	2019000000511	32	1	0	0	50001	3	0	0	0	0	1	233.45	1	100
2019	201901	58	2019010003866	673.67	2019000000581	32	1	0	0	30201	4	0	0	0	0	1	673.67	2	200
2019	201901	65	2019010004483	440.22	2019000000651	32	1	97	0	270101	3	0	0	0	0	1	440.22	2	200
2019	201901	71	2019010005263	273.47	2019000000711	32	1	0	0	160001	4	0	0	0	0	1	273.47	1	100

Dashboard Look:

## Regional usage of Technology

### Technology usage

Which technology is mostly used

### Technology used by Race

Different people using different technology

### Race in Region

Different people living in different region/states

### Regional sales

Sales conducted in various regions