

Screenshots

- Load Dataset:

The screenshot shows a web browser window with the URL `file:///C:/Users/z003uxku/Desktop/project/project_final/index.html#`. The page title is "Affordable Rental Housing". Below the title are five buttons labeled "DATASET 1", "DATASET 2", "DATASET 3", "DATASET 4", and "DATASET 5". Below these are two buttons: "EXPORT DATASET" and "SHOW HEATMAP FOR DATASET". The main content is a table with 11 columns: X, Y, Property_Id, ParcelId, Address, Year_Built, Residential_Units, Residential_Rental_Units, COC_Term, COC_Issue_Date, and COC_Expire_Date. The table contains 4 rows of data. Below the table is a button labeled "Filter By Columns".

X	Y	Property_Id	ParcelId	Address	Year_Built	Residential_Units	Residential_Rental_Units	COC_Term	COC_Issue_Date	COC_Expire_Date
-73.208108324301008	44.484614266479959	5724	045-1-185-000	45 SCHOOL ST, BURLINGTON, VT 05401	1894	2	2	3	2015-11-24T00:00:00.000Z	2018-11-24T00:00:00.000Z
-73.208121305855173	44.484757292435788	5725	045-1-186-000	53 SCHOOL ST, BURLINGTON, VT 05401	1900	2	2	3	2014-03-24T00:00:00.000Z	2017-03-24T00:00:00.000Z
-73.207889999550986	44.484874492103344	5726	045-1-187-000	339 NORTH ST, BURLINGTON, VT 05401		2	1	4	2015-10-29T00:00:00.000Z	2019-10-29T00:00:00.000Z
-73.206682026903579	44.484058341209526	5735	045-1-196-000	28 BOOTH ST, BURLINGTON, VT 05401	1915	2	1	5	2016-02-26T00:00:00.000Z	2021-02-26T00:00:00.000Z

- Filter By Column and Row

The screenshot shows the "Filter By Columns" section of the dashboard. It contains a table with 12 columns, each with a checkbox. The columns are: X, Y, Property_Id, ParcelId, Address, Year_Built, Residential_Units, Residential_Rental_Units, COC_Term, COC_Issue_Date, COC_Expire_Date, and Last_Inspection_Date. The "Residential_Units" checkbox is checked. Below the table is a button labeled "ADD FILTER". Below the button is the "Filter By Row" section, which contains three rows of filter options. The first row is "Select a Filter Condition" with three radio buttons: "Greater than equal to", "Less than equal to", and "Equal". The second row is "Select Value" with five radio buttons: "1", "2", "3", "4", and "5". The third row is "Select Category" with five checkboxes: "1", "2", "3", "4", and "5". Below the filter options are two buttons: "ADD FILTER" and "ADD STATISTICS".

<input type="checkbox"/> X	<input type="checkbox"/> Y	<input type="checkbox"/> Property_Id	<input type="checkbox"/> ParcelId	<input type="checkbox"/> Address	<input type="checkbox"/> Year_Built
<input checked="" type="checkbox"/> Residential_Units	<input type="checkbox"/> Residential_Rental_Units	<input type="checkbox"/> COC_Term	<input type="checkbox"/> COC_Issue_Date	<input type="checkbox"/> COC_Expire_Date	<input type="checkbox"/> Last_Inspection_Date
<input type="checkbox"/> Primary_Code_Owner	<input type="checkbox"/> Location_Coordinates	<input type="checkbox"/> FID			

ADD FILTER

Filter By Row

Select a Filter Condition

☐ Greater than equal to ☐ Less than equal to ☐ Equal

Select Value

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Select Category

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

ADD FILTER ADD STATISTICS

- Change in dataset as per filter

file:///C:/Users/z003uxku/Desktop/project/project_final/index.html#

Affordable Rental Housing

DATASET 1 DATASET 2 DATASET 3 DATASET 4 DATASET 5

EXPORT DATASET SHOW HEATMAP FOR DATASET

318 NORTH ST, BURLINGTON, VT 05401	1840	4
77 NORTH UNION ST, BURLINGTON, VT 05401	1809	4
190 PLATTSBURG AVE, BURLINGTON, VT 05408	1944	4
1505 NORTH AVE, BURLINGTON, VT 05408	1899	4
178-180 INTERVALE AVE, BURLINGTON, VT 05401	1910	4
305-307 NORTH WINDOSH AVE, BURLINGTON, VT 05401	1899	4
350-360 NORTH WINDOSH AVE, BURLINGTON, VT 05401	1991	4
476 COLCHESTER AVE, BURLINGTON, VT 05401	1899	4
495-497 COLCHESTER AVE, BURLINGTON, VT 05401	1850	4

Filter By Columns

<input type="checkbox"/> X	<input type="checkbox"/> Y	<input type="checkbox"/> Property_ID	<input type="checkbox"/> ParcelID	<input checked="" type="checkbox"/> Address	<input checked="" type="checkbox"/> Year_Built
<input checked="" type="checkbox"/> Residential_Units	<input type="checkbox"/> Residential_Rental_Units	<input type="checkbox"/> COC_Term	<input type="checkbox"/> COC_Issue_Date	<input type="checkbox"/> COC_Expire_Date	<input type="checkbox"/> Last_Inspection_Date
<input type="checkbox"/> Primary_Code_Owner	<input type="checkbox"/> Location_Coordinates	<input type="checkbox"/> PID			

ADD FILTER

Filter By Row

Select a Filter Condition

☒ Greater than equal to ☐ Less than equal to ☐ Equal

Select Value

☐ 1850 ☐ 1900 ☐ 1950 ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Select Category

☐ >2000 ☐ >1900 ☐ >1850 ☐ 1 ☐ 2 ☐ 3 ☒ 4 ☒ 5

ADD FILTER ADD STATISTICS

Statistics Results

- Statics from filter

file:///C:/Users/z003uxku/Desktop/project/project_final/index.html#

Filter By Row

Select a Filter Condition

☒ Greater than equal to ☐ Less than equal to ☐ Equal

Select Value

☐ 1850 ☐ 1900 ☐ 1950 ☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Select Category

☐ >2000 ☐ >1900 ☐ >1850 ☐ 1 ☐ 2 ☐ 3 ☒ 4 ☒ 5

ADD FILTER ADD STATISTICS

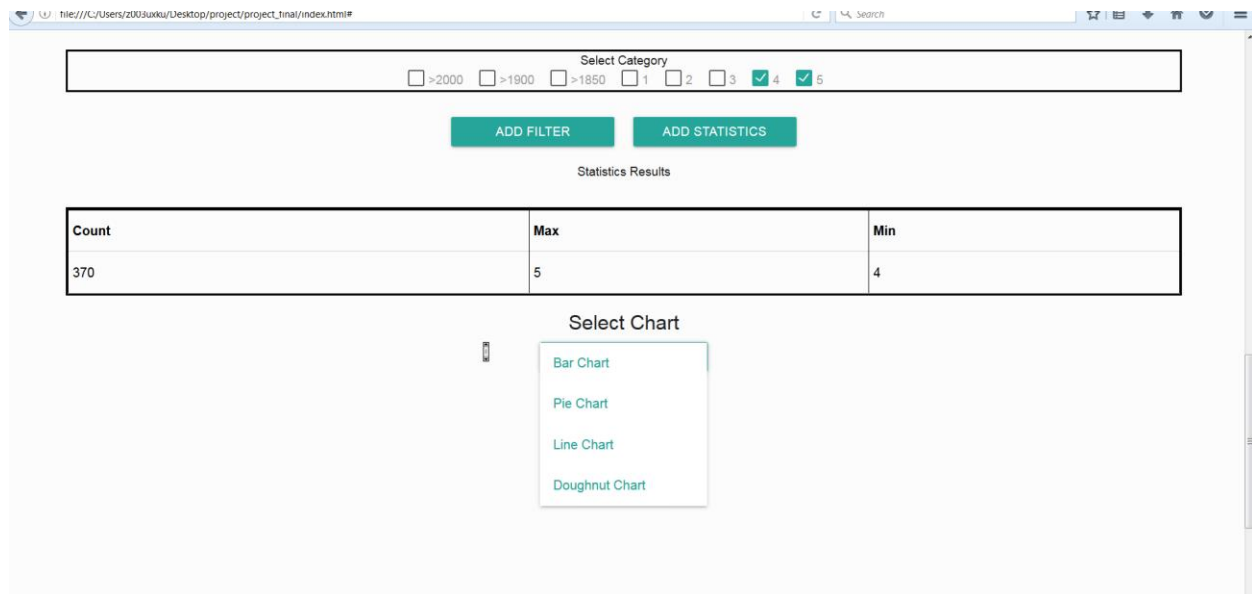
Statistics Results

Count	Max	Min
370	5	4

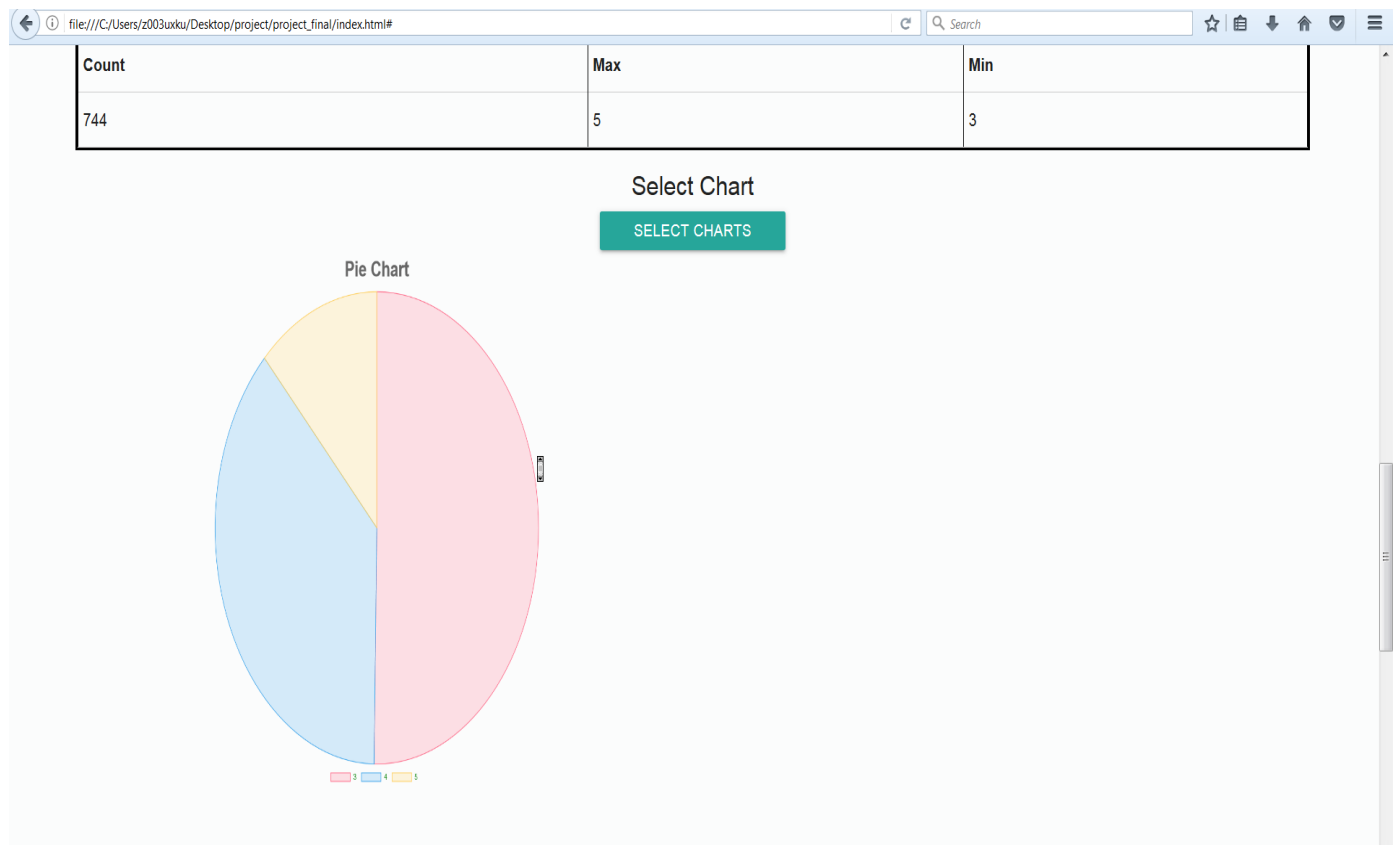
Select Chart

SELECT CHARTS

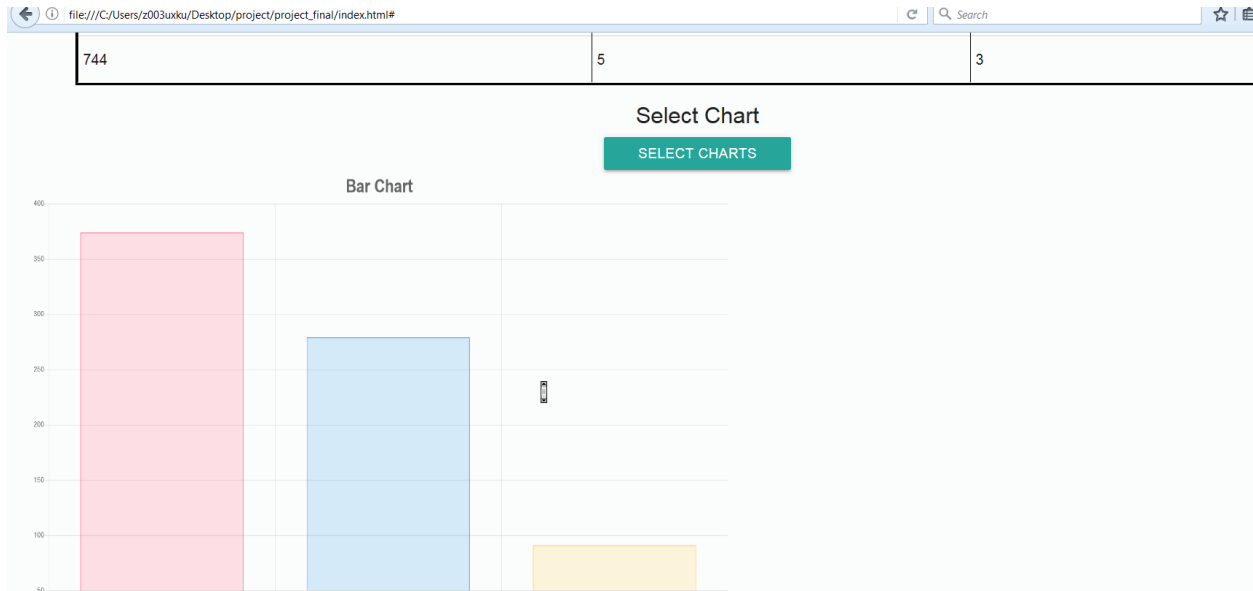
- **Chart Dropdown**



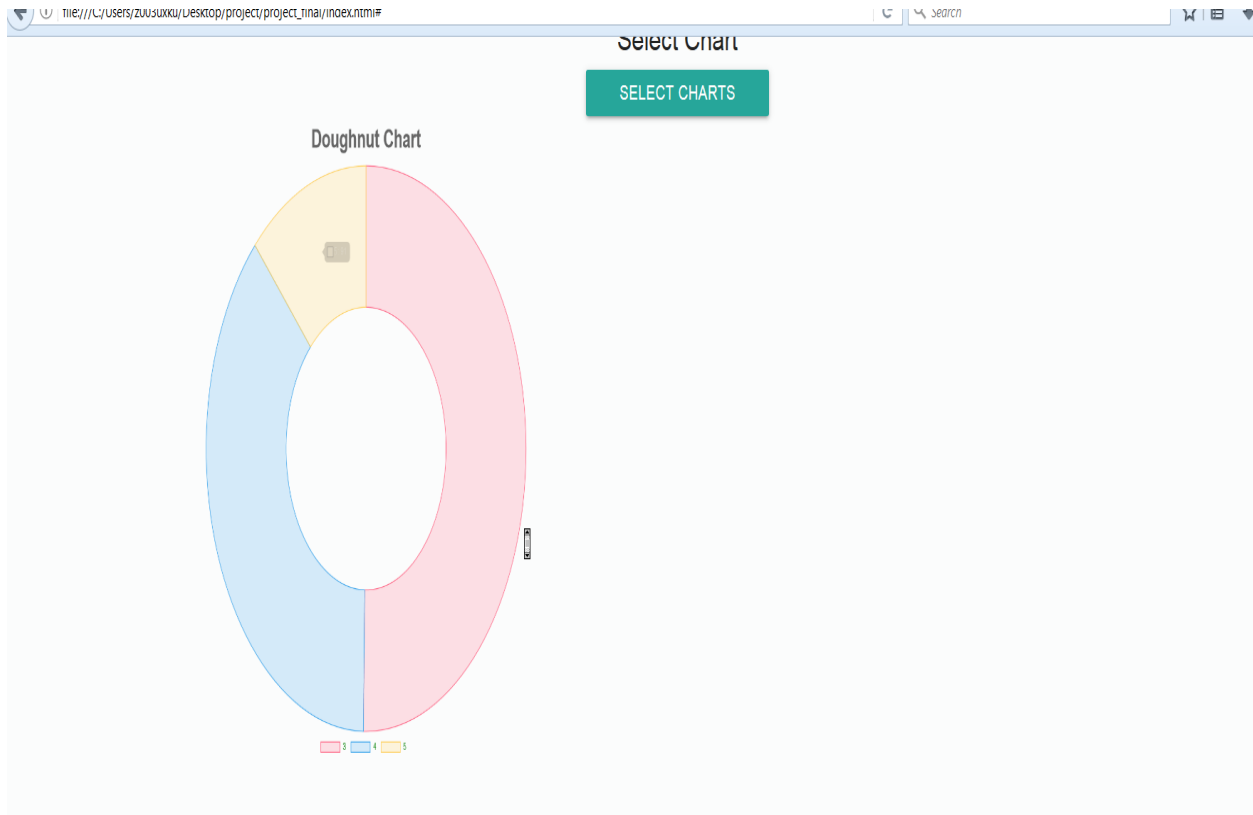
- **Pie Chart**



- **Bar Chart**



- **Doughnut Chart**



- **Dataset Export Without filter**

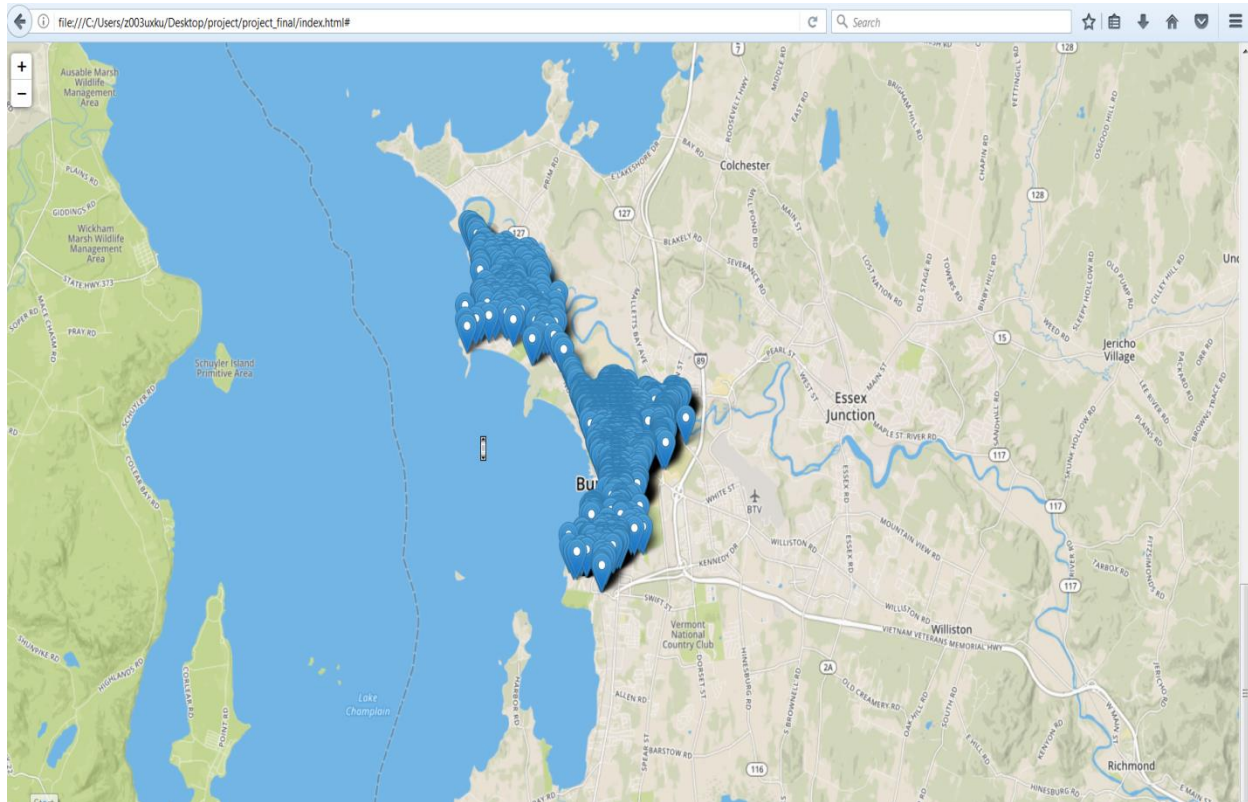
The screenshot shows a web browser window with the address bar displaying a file path. The main content area has a title 'Affordable Rental Housing' in red. Below the title are five buttons labeled 'DATASET 1' through 'DATASET 5'. Under 'DATASET 1', there are two buttons: 'EXPORT DATASET' and 'SHOW HEATMAP FOR DATASET'. A modal dialog titled 'Opening DataCsv.csv' is open in the center, showing options to open or save the file. In the background, a table with 8 columns is visible, showing data for various properties.

X	Y	Property_Id	ParcelId	Address	City	State	Zip	Initial_Rental_Units	COC_Term	COC_Issue_Date	COC_Expire_Date		
-73.208108324301008	44.484614266479959	5724	045-1-185-000						3	2015-11-24T00:00:00.000Z	2018-11-24T00:00:00.000Z		
-73.208121305855173	44.484757292435788	5725	045-1-186-000					3		2014-03-24T00:00:00.000Z	2017-03-24T00:00:00.000Z		
-73.207889999550986	44.484874492103344	5726	045-1-187-000	ST, BURLINGTON, VT 05401	Burlington	VT	05401	2	1	4	2015-10-29T00:00:00.000Z	2019-10-29T00:00:00.000Z	
-73.206682026903579	44.484058341209526	5735	045-1-196-000	28 BOOTH ST, BURLINGTON, VT 05401	Burlington	VT	05401	1915	2	1	5	2016-02-26T00:00:00.000Z	2021-02-26T00:00:00.000Z

- **Dataset Export with filter**

The screenshot shows a web browser window with the address bar displaying a file path. The web page has a title "Affordable Rental Housing" in red. Below the title are five teal buttons labeled "DATASET 1" through "DATASET 5". Below these are two more teal buttons: "EXPORT DATASET" and "SHOW HEATMAP FOR DATASET". A modal dialog titled "Opening DataCsv.csv" is open in the center. The dialog contains the text "You have chosen to open:", followed by a file icon and "DataCsv.csv", and then "which is: Text Document (6.1 KB) from: blob:". Below this is a section "What should Firefox do with this file?" with two radio buttons: "Open with" (selected) and "Save File". The "Open with" option has a dropdown menu showing "Notepad (default)". At the bottom of the dialog are "OK" and "Cancel" buttons. In the background, a table with the header "Residential_Units" is visible, showing a column of the number "3".

- **Map using Dataset point**



- **5 nearest House on click on Map**

