

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic feel. The shapes are concentrated on the left and right sides of the frame, leaving a large white central area.

**WELCOME**



*Welcome To NAAN MUDHALVAN Project!*

# **UNEARTHING THE ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY: A GLOBAL CO2 EMISSION ANALYSIS**



Last Login : 2023-04-22 03:36:32

## PROFILE

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**CATEGORY** : Data analytics with Tableau

**PROJECT TITLE** : Unearthing the Environmental Impact of Human Activity: A Global CO<sub>2</sub> Emission Analysis

**ROCKET CHAT USERNAME** : priyadarshini050103@gmail.com

**ROCKET CHAT PASSWORD** : • 

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# INTRODUCTION

- ▶ An Emission of something such as gas or radiation is the release of it into the atmosphere
- ▶ Carbon Dioxide is released into Earth's atmosphere mostly by the burning of carbon containing fuels and the decay of wood and other plant matter
- ▶ Under all conditions found naturally on Earth, CO<sub>2</sub> is an invisible , odorless gas
- ▶ It is removed from the atmosphere mostly by plants , which extract carbon from CO<sub>2</sub> to build their tissues and by the oceans in which CO<sub>2</sub> dissolves

# DESIGN THINKING



## Build empathy

The information you add here should be representative of the observations and research you've done about your users.

### Says

What have we heard them say?  
What can we imagine them saying?

CO2 emission refers to the Carbon Dioxide emitted throughout the world

Human activity is the cause of increased greenhouse gas concentrations

Production and use of cars and vehicles

Carbon Dioxide emissions are the primary driver of global climate change



Understanding the Environmental Impact of Human Activity in Greenhouse Gas Emissions

### Thinks

What are their wants, needs, fears, and dreams? What other thoughts might influence their behavior?

It acts like a blanket in the air, trapping heat in the atmosphere and warming up the earth

More abundant vegetation from increased CO2 is already apparent

Reducing greenhouse gas emission can improve air quality and save lives

Green plants grow faster with more CO2



Due to heating of water on sea, many types of living things destroyed and sea level reduced

Use minimum amount of vehicles due to emitting CO2

Symptoms of which include melting of the polar ice caps, the rising of sea levels



Fossil fuel use is the primary source of CO2

Human activities such as the burning of oil, coal and gas as well as deforestation are the primary cause

Influence your mood and impact your behaviour and motivation to act

### Does

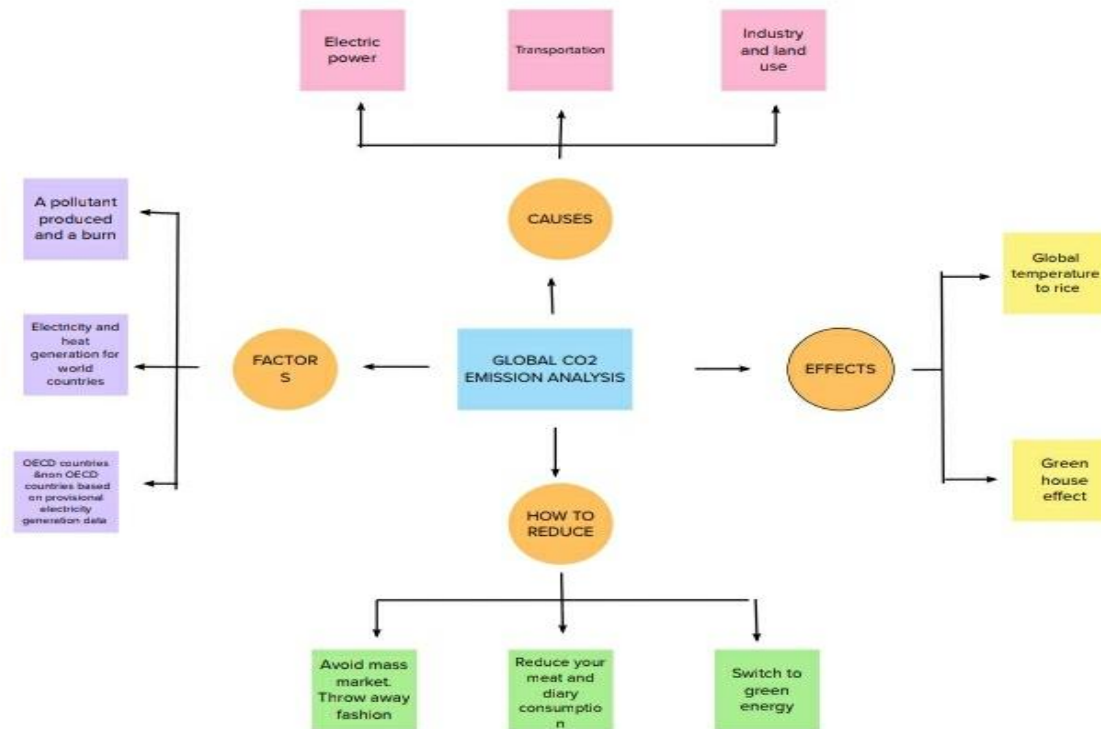
What actions have we observed?  
What can we imagine them doing?

### Feels

What are their fears, frustrations, and emotions? What other feelings might influence their behavior?



# BRAINSTORM IDEAS



# GROUP IDEAS

## PRIYADARSHINI

CO2 Emission refers to the carbon dioxide emitted through out the world	Production and use of cars and vehicles	Green plants grow faster with more CO2
Fossil fuel use is the primary source of CO2	CO2 emissions factor fuel emissions heat generation	

## RAJASRI

Efficient your mind and improve your behavior and motivation to act	Use of air air is a result of vehicles & air conditioning CO2	Reducing greenhouse gas Emission can improve air quality and water level
Human activities is the cause of increased greenhouse gas concentration	Latest year emissions factors for GHG emissions and calculated per GHG emissions	

## RAMALAKSHMI

CO2 Emissions is the primary driver of global climate change	The global average CO2 level is now over and more in 2021, 414.75 parts per million	Due to CO2, surface vegetation affected
Plants remove CO2 from the air naturally	So emissions factor gives the relation between a particular product and item	

## RAMYA

There are good to having CO2 released from the atmosphere by photosynthesis	CO2 concentrations in the atmosphere going up too fast	Fluctuations in CO2 levels are highly regular
CO2 increases and power generation increased, industrial, power production		

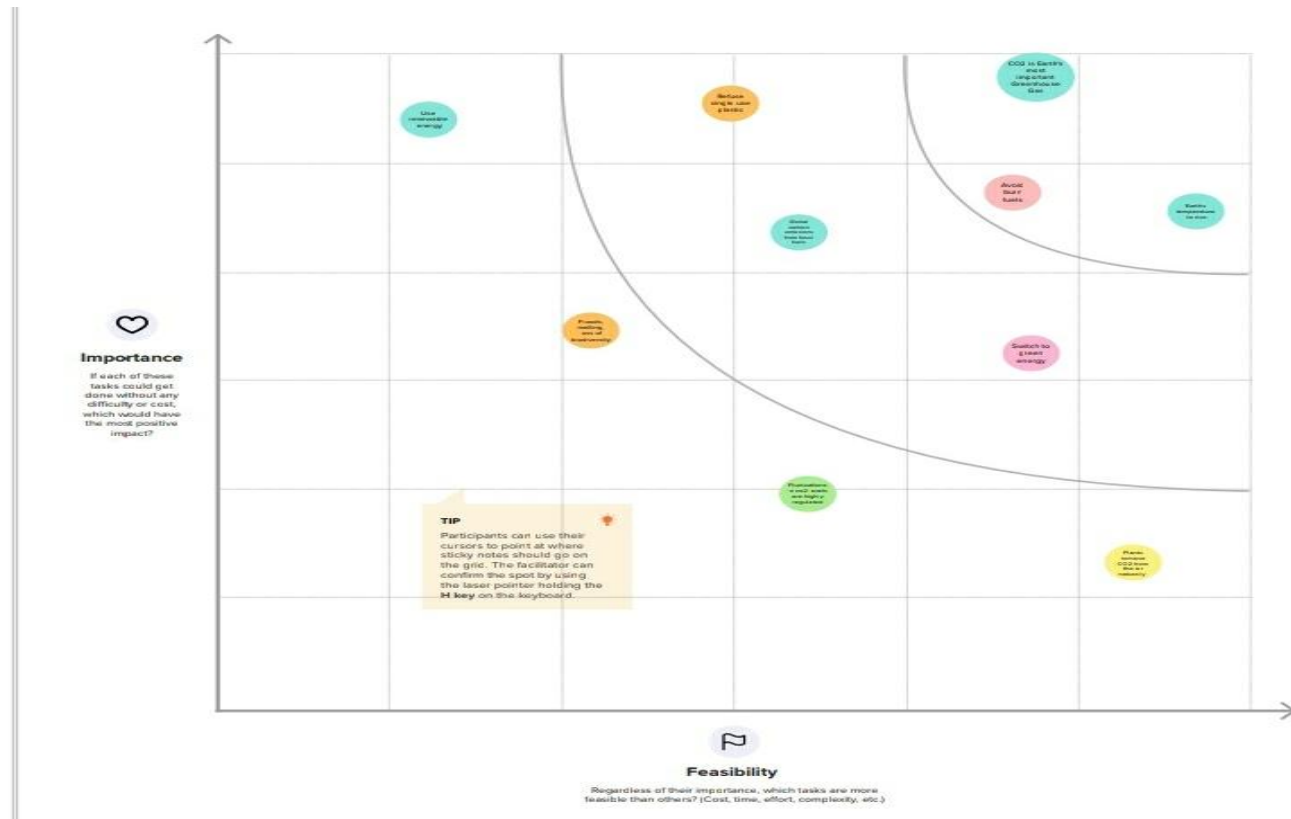
## Person 5


## Person 6


## Person 7


## Person 8


# GRAPHICAL REPRESENTATION



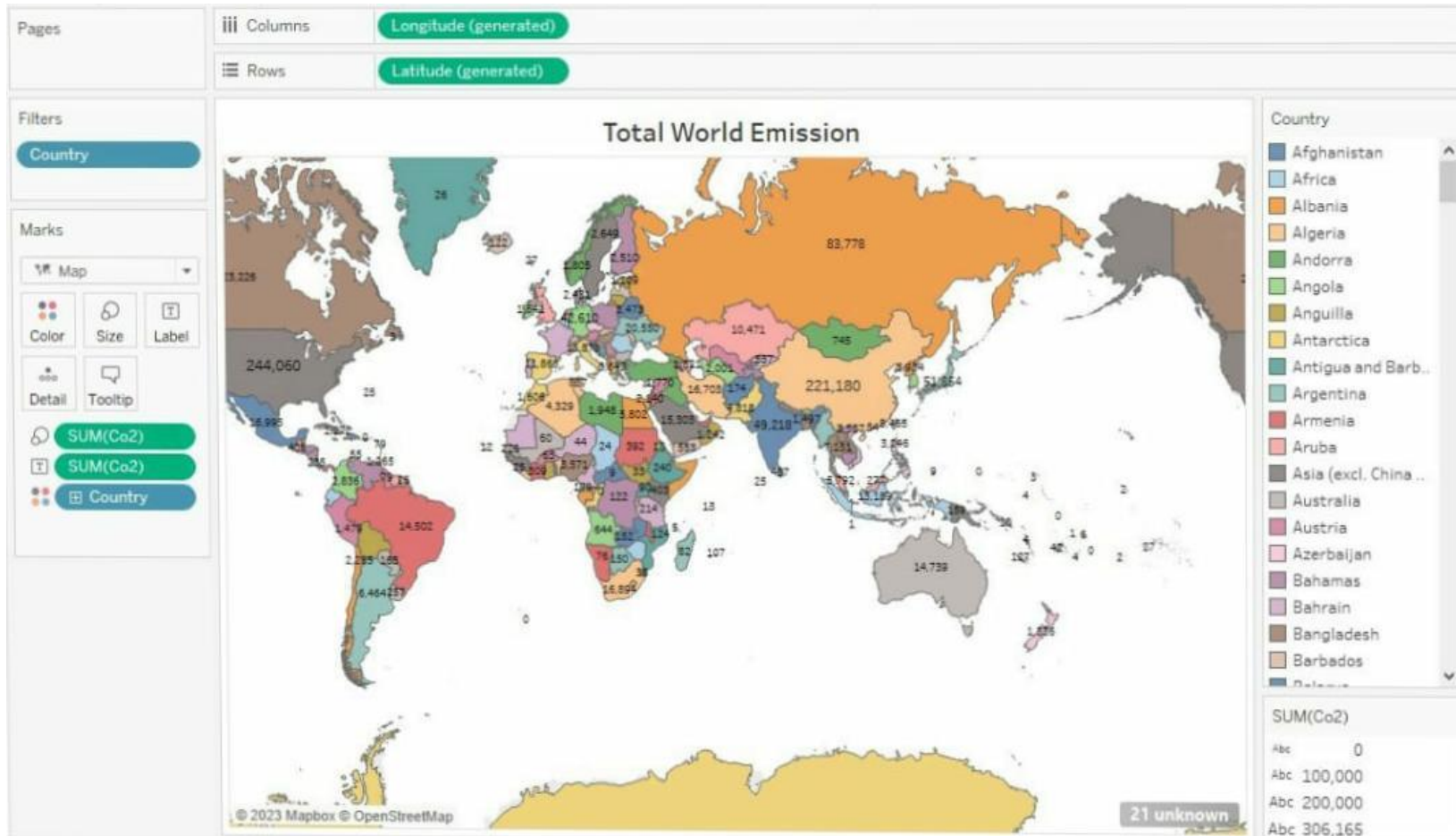


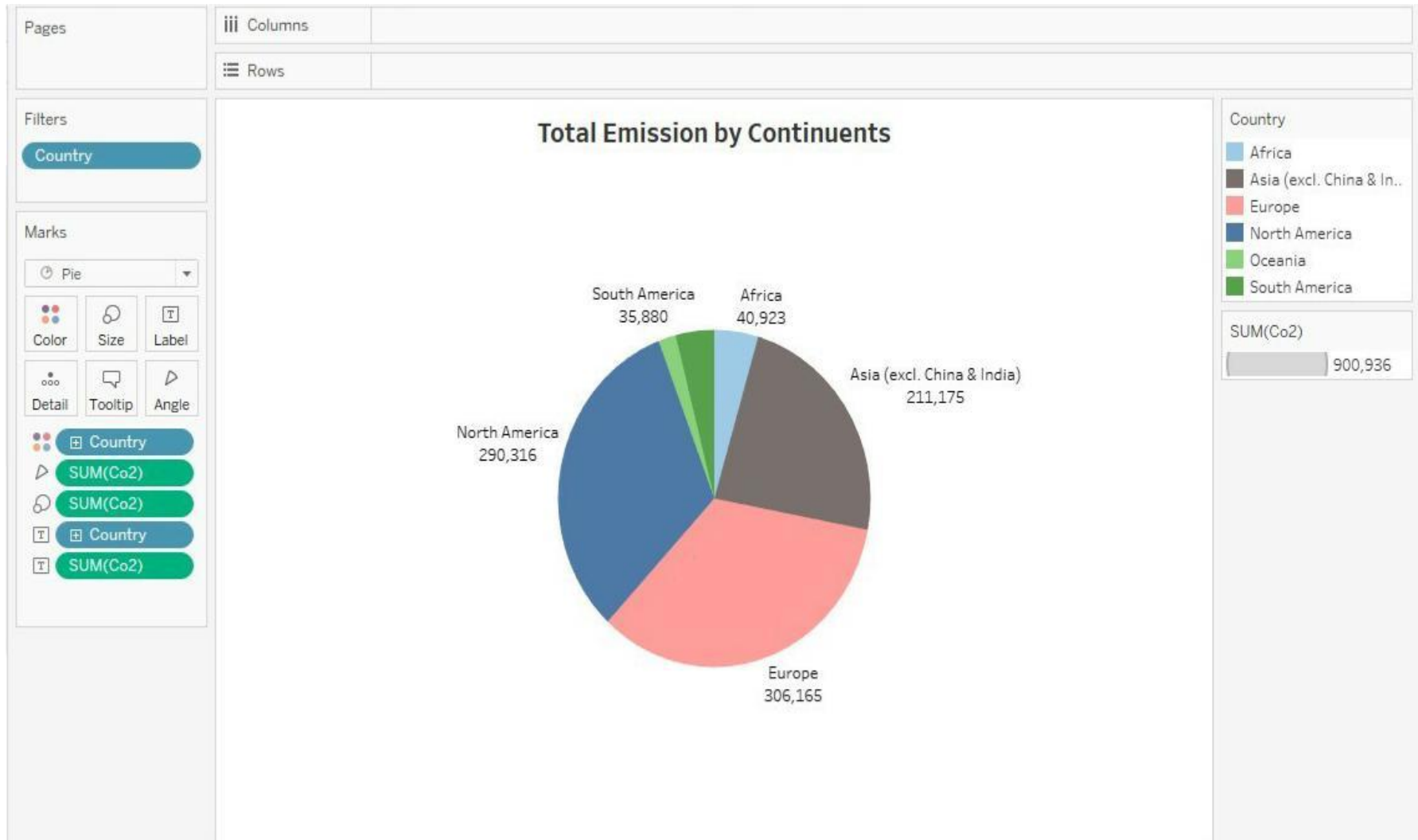
# DATA SET

country	year	co2	co2_growt	co2_per_c	cumulative	coal_co2	cement_co2	flaring_co2	gas_co2
Afghanistan	1975	2.121	10.88	0.167	21.287	0.399	0.069	0.304	0.476
Afghanistan	1976	1.981	-6.62	0.153	23.267	0.425	0.079	0.293	0.3
Afghanistan	1977	2.384	20.36	0.181	25.652	0.451	0.065	0.381	0.513
Afghanistan	1978	2.153	-9.68	0.161	27.805	0.576	0.058	0.283	0.301
Afghanistan	1979	2.233	3.69	0.166	30.038	0.352	0.064	0.267	0.385
Afghanistan	1980	1.756	-21.34	0.132	31.794	0.316	0.023	0.305	0.187
Afghanistan	1981	1.978	12.65	0.15	33.772	0.333	0.033	0.293	0.304
Afghanistan	1982	2.095	5.87	0.163	35.867	0.385	0.039	0.282	0.396
Afghanistan	1983	2.52	20.31	0.201	38.387	0.385	0.006	0.293	0.616
Afghanistan	1984	2.822	11.97	0.231	41.209	0.393	0.048	0.316	0.932
Afghanistan	1985	3.501	24.1	0.293	44.71	0.4	0.032	0.33	1.192
Afghanistan	1986	3.134	-10.5	0.267	47.844	0.425	0.038	0.33	1.202
Afghanistan	1987	3.114	-0.63	0.268	50.957	0.443	0.043	0.223	0.392
Afghanistan	1988	2.857	-8.25	0.246	53.814	0.366	0.043	0.187	0.44
Afghanistan	1989	2.765	-3.22	0.233	56.579	0.337	0.043	0.04	0.48
Afghanistan	1990	2.603	-5.85	0.21	59.182	0.278	0.046	0.026	0.403
Afghanistan	1991	2.427	-6.76	0.182	61.61	0.249	0.046	0.026	0.388
Afghanistan	1992	1.379	-43.17	0.095	62.989	0.022	0.046	0.022	0.363
Afghanistan	1993	1.333	-3.36	0.084	64.322	0.018	0.047	0.022	0.352
Afghanistan	1994	1.282	-3.86	0.075	65.604	0.015	0.047	0.022	0.338
Afghanistan	1995	1.23	-3.99	0.068	66.834	0.015	0.047	0.022	0.322
Afghanistan	1996	1.165	-5.33	0.062	67.999	0.007	0.047	0.022	0.308
Afghanistan	1997	1.084	-6.94	0.056	69.083	0.004	0.047	0.022	0.283
Afghanistan	1998	1.029	-5.07	0.052	70.113	0.004	0.047	0.022	0.265
Afghanistan	1999	0.81	-21.34	0.04	70.922	0.004	0.047	0.022	0.242
Afghanistan	2000	0.758	-6.4	0.036	71.68	0.004	0.01	0.022	0.224
Afghanistan	2001	0.798	5.32	0.037	72.478	0.07	0.007	0.022	0.209
Afghanistan	2002	1.052	31.79	0.046	73.529	0.055	0.011	0	0.546
Afghanistan	2003	1.186	12.77	0.05	74.715	0.092	0.01	0	0.465
Afghanistan	2004	0.889	-25.02	0.036	75.604	0.092	0.01	0	0.227
Afghanistan	2005	1.303	46.57	0.051	76.908	0.106	0.006	0	0.33
Afghanistan	2006	1.635	25.48	0.062	78.543	0.161	0.012	0	0.329
Afghanistan	2007	2.269	38.72	0.084	80.812	0.749	0.012	0	0.308
Afghanistan	2008	4.2	85.12	0.152	85.011	1.077	0.015	0	0.297
Afghanistan	2009	6.74	60.49	0.237	91.751	1.513	0.013	0	0.271
Afghanistan	2010	8.398	24.6	0.288	100.149	2.246	0.015	0	0.271
Afghanistan	2011	12.106	44.15	0.402	112.255	4.181	0.015	0	0.308
Afghanistan	2012	10.219	-15.59	0.328	122.473	3.125	0.029	0	0.308
Afghanistan	2013	8.441	-17.4	0.262	130.914	3.327	0.036	0	0.297
Afghanistan	2014	7.774	-7.9	0.233	138.688	3.704	0.029	0	0.271
Afghanistan	2015	7.904	1.67	0.23	146.593	2.843	0.041	0	0.282
Afghanistan	2016	6.745	-14.67	0.191	153.337	2.878	0.076	0	0.319
Afghanistan	2017	6.86	1.71	0.189	160.197	3.448	0.045	0	0.3
Afghanistan	2018	8.345	21.65	0.224	168.542	3.849	0.057	0	0.293
Afghanistan	2019	12.147	45.56	0.319	180.688	7.531	0.038	0	0.306
Afghanistan	2020	12.16	0.11	0.312	192.849	7.508	0.061	0	0.314

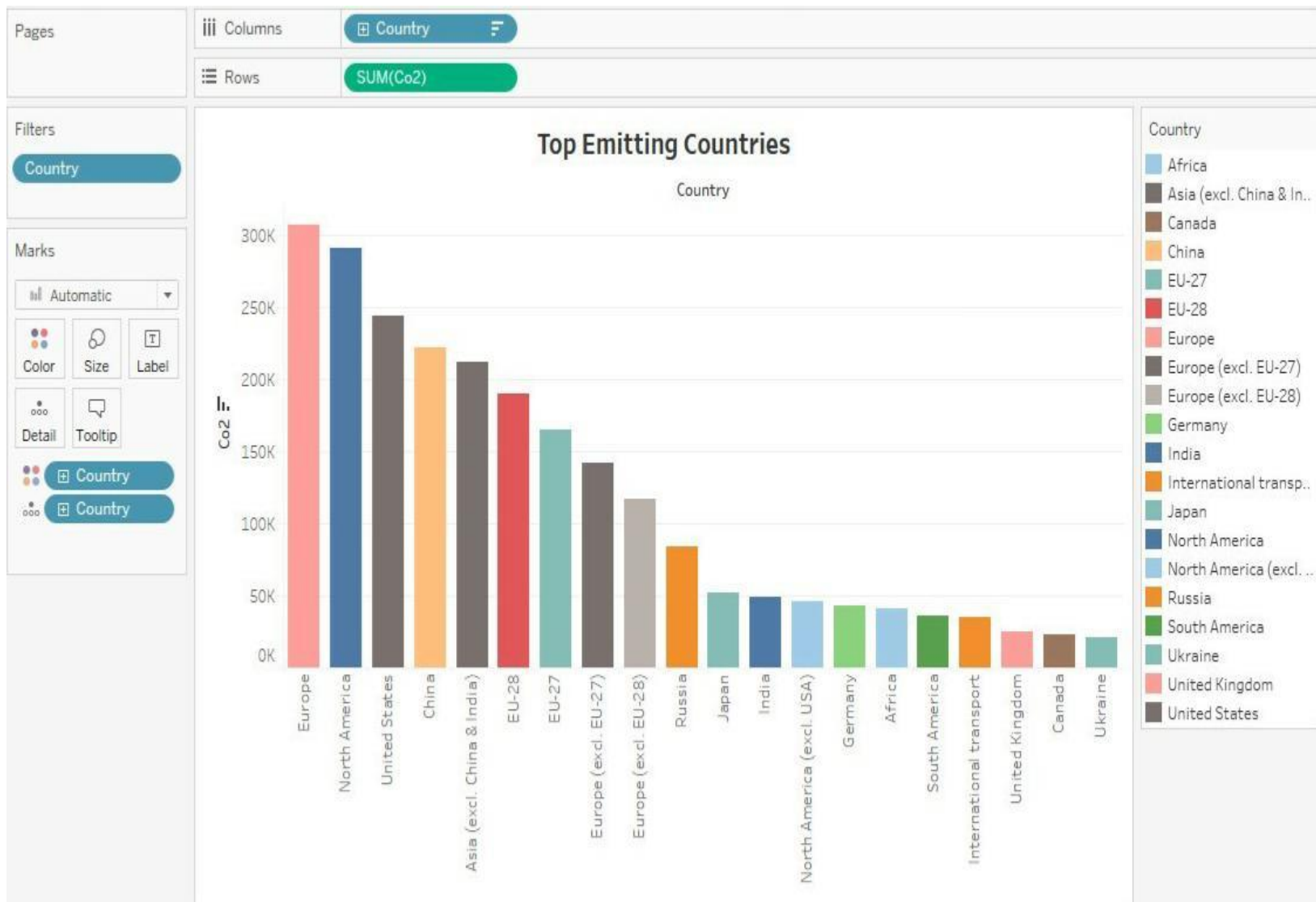
Africa	1975	387.839	-0.27	0.944	7075.852	162.187	10.938	64.309	6.422
Africa	1976	420.868	8.52	0.997	7496.72	171.906	11.198	77.8	8.885
Africa	1977	433.857	3.09	1	7930.577	176.693	11.93	71.549	13.669
Africa	1978	463.282	6.78	1.038	8393.859	178.676	12.591	71.706	34.434
Africa	1979	500.009	7.93	1.089	8893.867	197.363	13.488	87.719	19.657
Africa	1980	536.51	7.3	1.137	9430.377	212.398	14.691	76.248	34.632
Africa	1981	549.389	2.4	1.132	9979.766	237.34	15.963	52.539	29.401
Africa	1982	572.603	4.23	1.146	10552.37	250.232	17.035	44.95	23.985
Africa	1983	595.441	3.99	1.159	11147.81	260.943	18.71	41.279	30.431
Africa	1984	650.285	9.21	1.23	11798.1	286.063	19.426	45.564	47.57
Africa	1985	666.684	2.52	1.226	12464.78	294.697	19.124	51.4	48.848
Africa	1986	690.7	3.6	1.235	13155.48	305.787	18.342	53.018	58.357
Africa	1987	690.794	0.01	1.201	13846.27	312.518	19.937	44.862	67.872
Africa	1988	726.048	5.1	1.228	14572.32	322.719	21.575	49.233	68.952
Africa	1989	699.221	-3.69	1.15	15271.54	313.482	22.543	22.048	71.403
Africa	1990	659.295	-5.71	1.052	15930.84	295.76	22.801	20.795	75.954
Africa	1991	689.026	4.51	1.068	16619.86	306.508	24.426	20.799	78.466
Africa	1992	668.677	-2.95	1.01	17288.54	288.587	24.904	23.351	74.273
Africa	1993	708.858	6.01	1.043	17997.4	318.855	24.609	21.79	81.722
Africa	1994	719.623	1.52	1.029	18717.02	330.702	25.111	21.797	85.588
Africa	1995	771.994	7.28	1.077	19489.02	346.864	27.083	24.097	101.557
Africa	1996	783.254	1.46	1.066	20272.27	353.13	27.681	23.787	108.019
Africa	1997	812.903	3.79	1.079	21085.17	360.837	28.35	23.394	95.205
Africa	1998	838.022	3.09	1.085	21923.2	355.514	29.203	22.961	112.712
Africa	1999	830.397	-0.91	1.05	22753.59	366.523	30.311	23.569	114.377
Africa	2000	886.562	6.76	1.094	23640.15	370.247	31.51	55.282	114.35
Africa	2001	884.168	-0.27	1.064	24524.32	371.98	32.908	58.049	120.126
Africa	2002	892.575	0.95	1.049	25416.9	361.119	35.231	71.508	134.359
Africa	2003	967.22	8.36	1.109	26384.12	390.893	35.508	66.519	145.785
Africa	2004	1036.686	7.18	1.16	27420.8	417.515	38.17	76.777	152.691
Africa	2005	1057.342	1.99	1.155	28478.14	412.792	41.9	75.649	183.64
Africa	2006	1090.195	3.11	1.161	29568.34	419.148	45.788	73.553	179.347
Africa	2007	1132.293	3.86	1.176	30700.63	430.406	48.967	76.349	192.326
Africa	2008	1181.391	4.34	1.197	31882.02	454.72	51.222	72.03	195.084
Africa	2009	1191.035	0.82	1.176	33073.06	443.29	57.625	60.76	191.718
Africa	2010	1218.023	2.27	1.172	34291.08	441.757	59.085	64.329	201.912
Africa	2011	1258.709	3.34	1.181	35549.79	432.931	58.875	58.086	221.731
Africa	2012	1253.144	-0.44	1.146	36802.94	429.56	63.528	59.397	234.038
Africa	2013	1260.316	0.57	1.123	38063.25	427.34	65.929	56.979	236.615
Africa	2014	1363.5	8.19	1.184	39426.75	455.167	69.852	57.121	246.717
Africa	2015	1322.735	-2.99	1.119	40749.49	428.573	73.106	54.317	253.844
Africa	2016	1356.719	2.57	1.119	42106.21	434.484	77.335	47.603	266.183
Africa	2017	1384.372	2.04	1.113	43490.58	439.67	76.797	49.472	284.093
Africa	2018	1385.645	0.09	1.086	44876.22	450.509	79.893	44.458	288.797
Africa	2019	1408.479	1.65	1.077	46284.7	464.561	78.56	44.459	291.682
Africa	2020	1326.044	-5.85	0.99	47610.75	446.097	77.025	44.459	287.016
Albania	1975	4.591	5.74	1.904	67.333	1.26	0.322	0	0.553

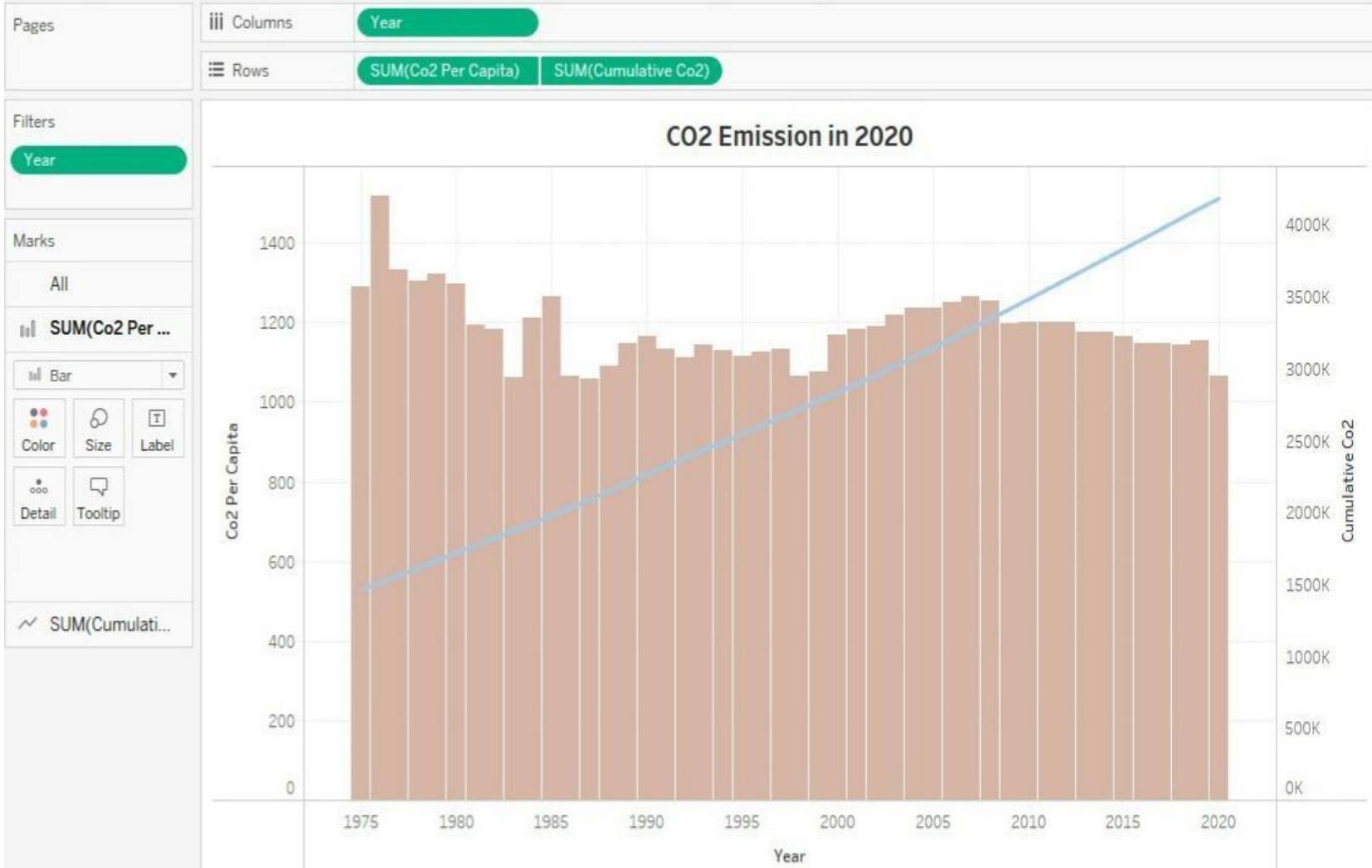
# WORKSHEETS



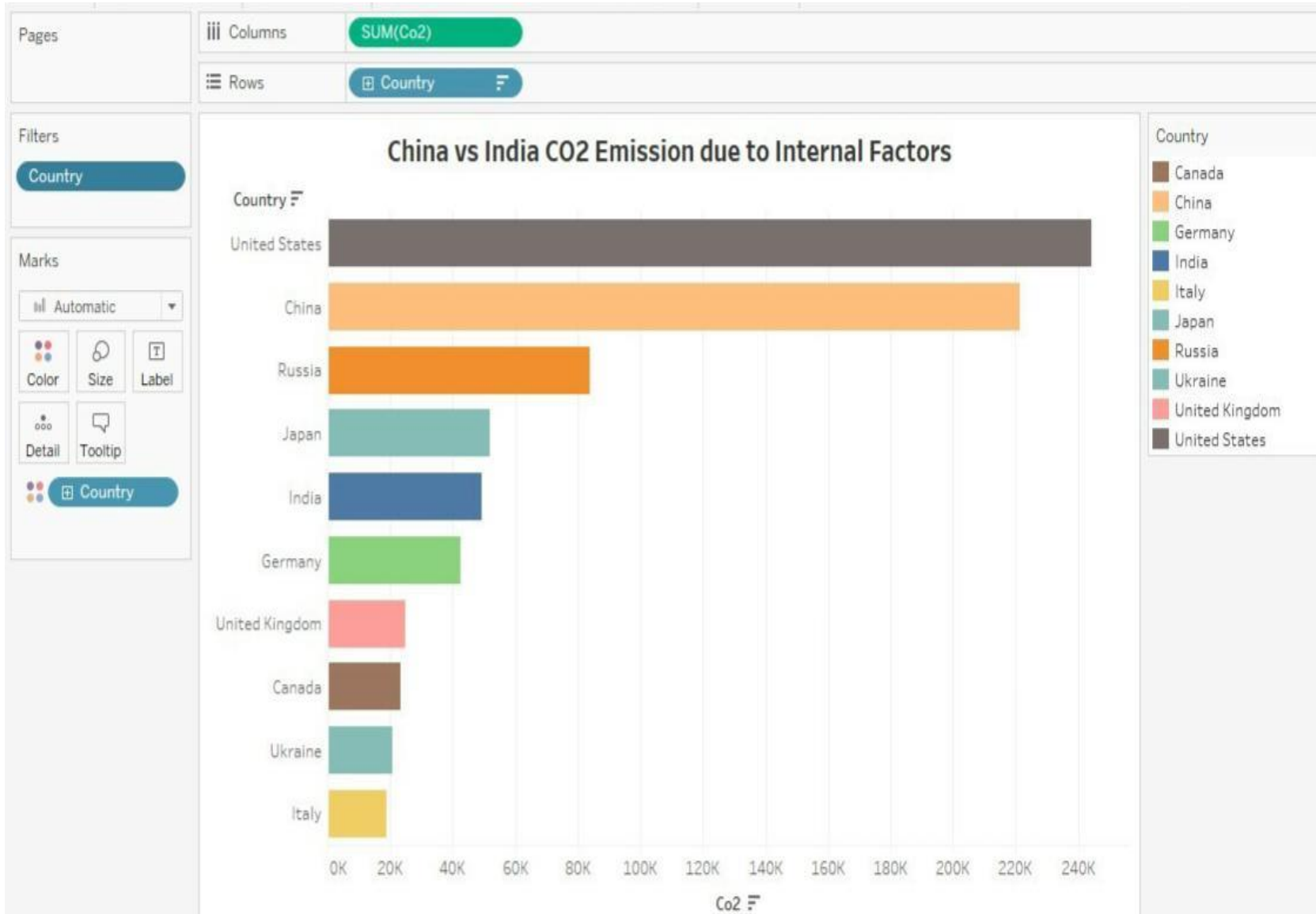


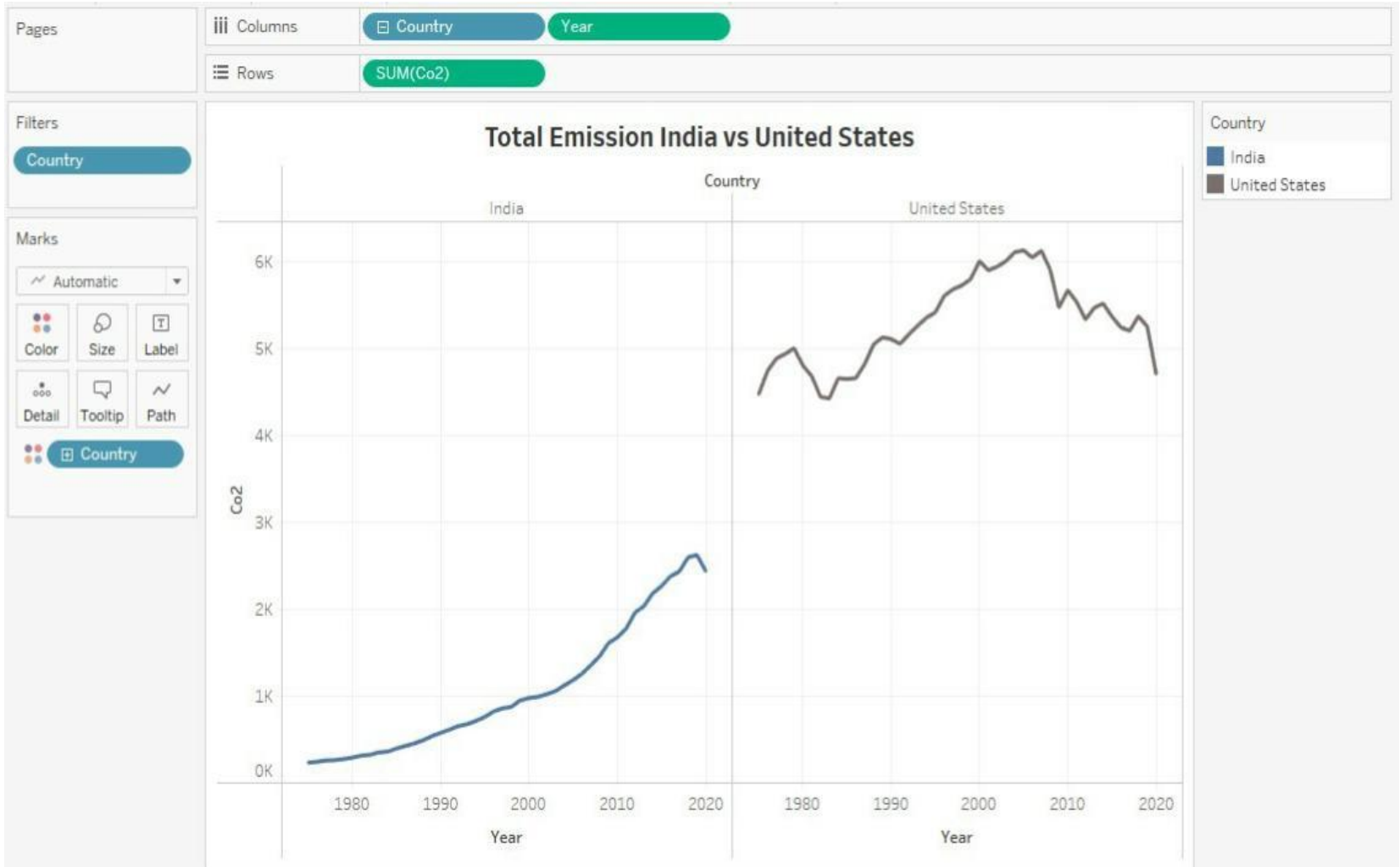


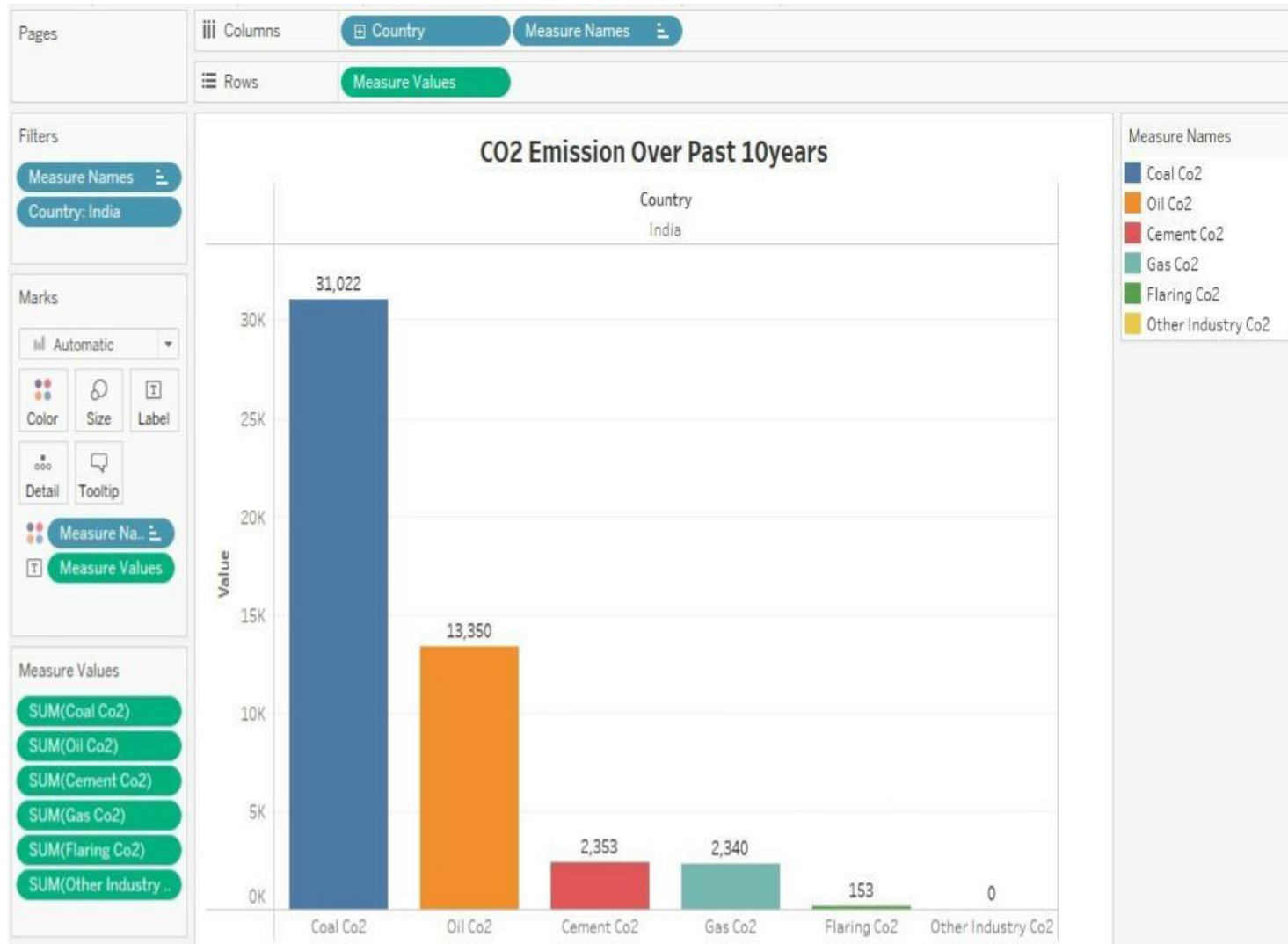


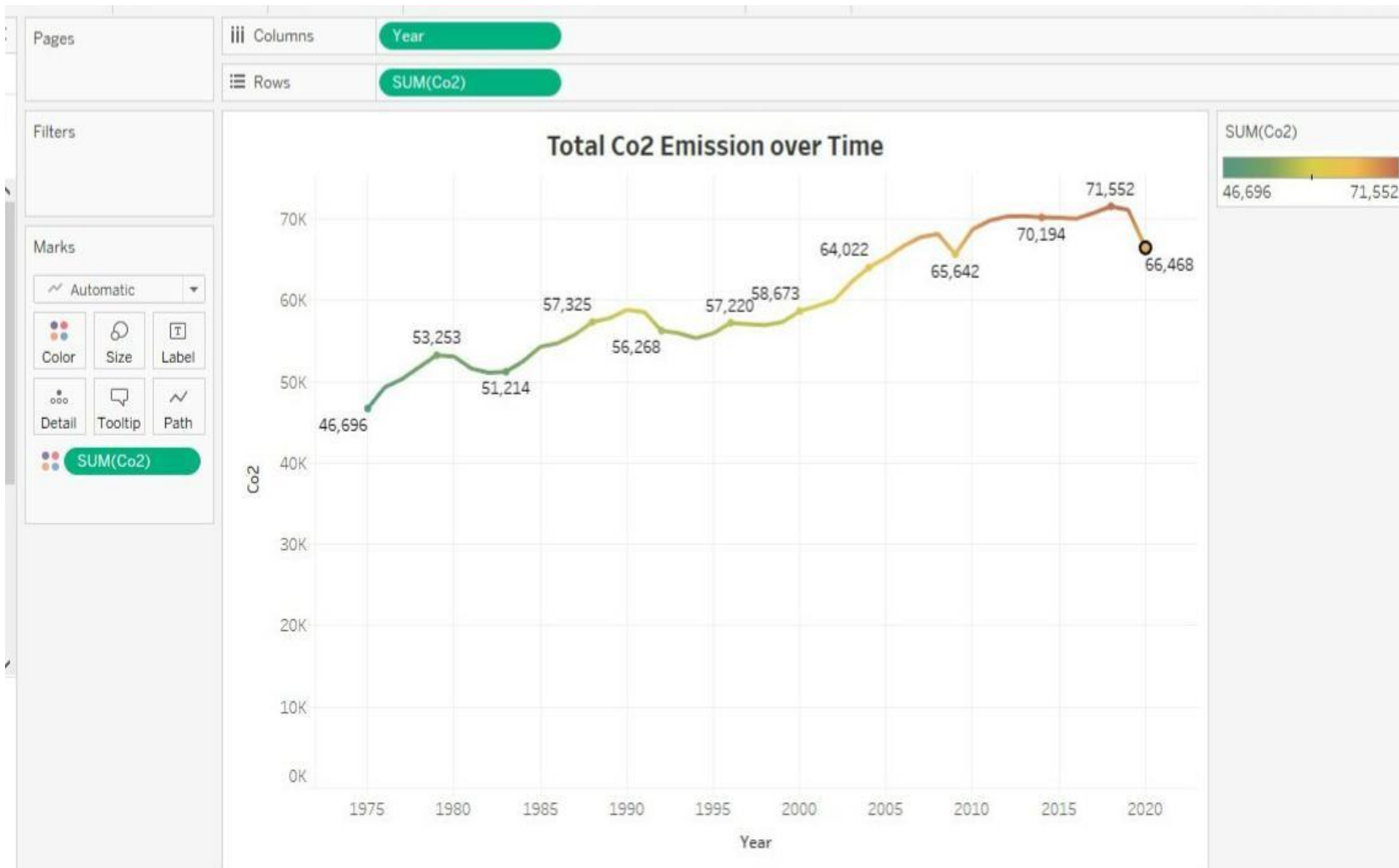


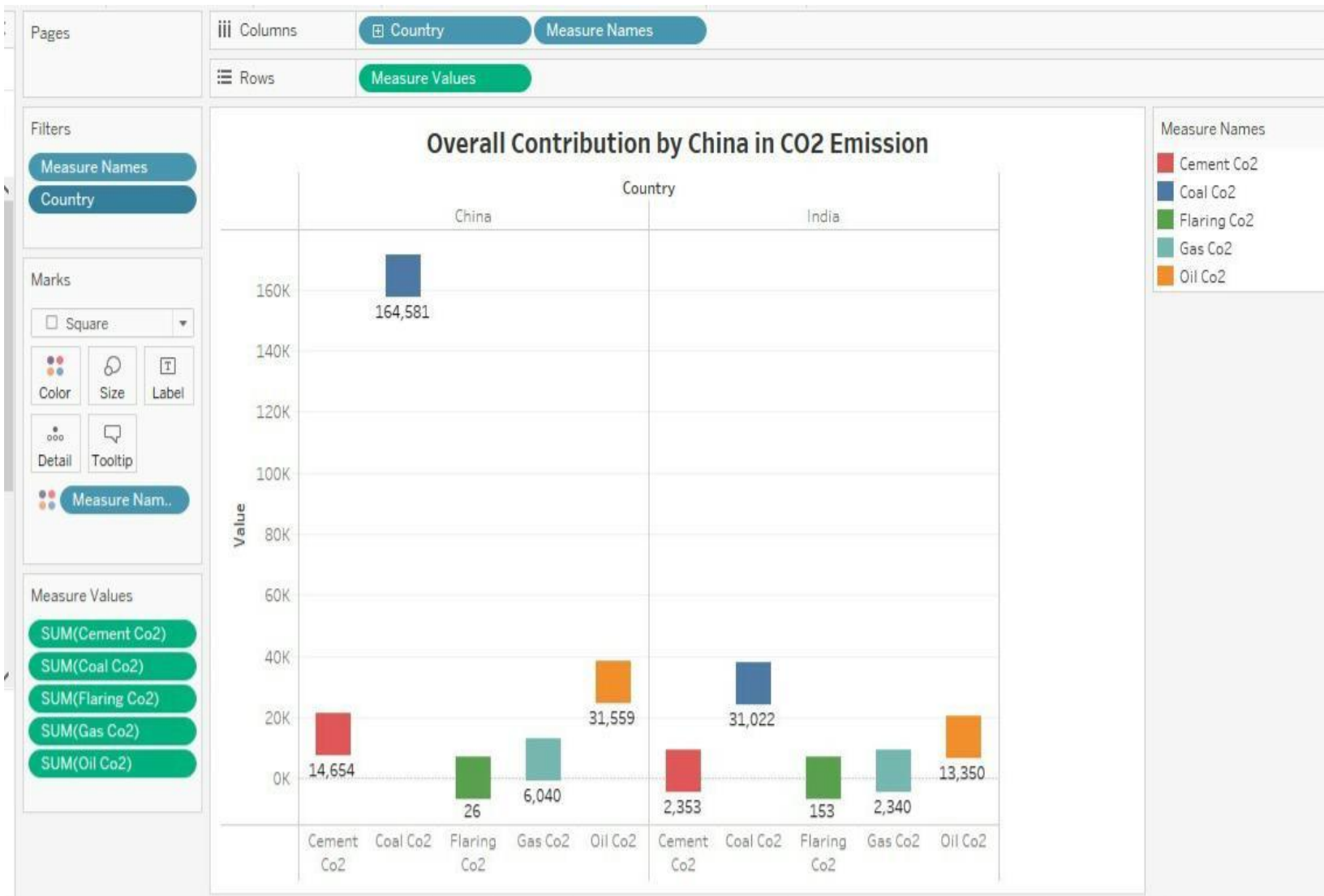




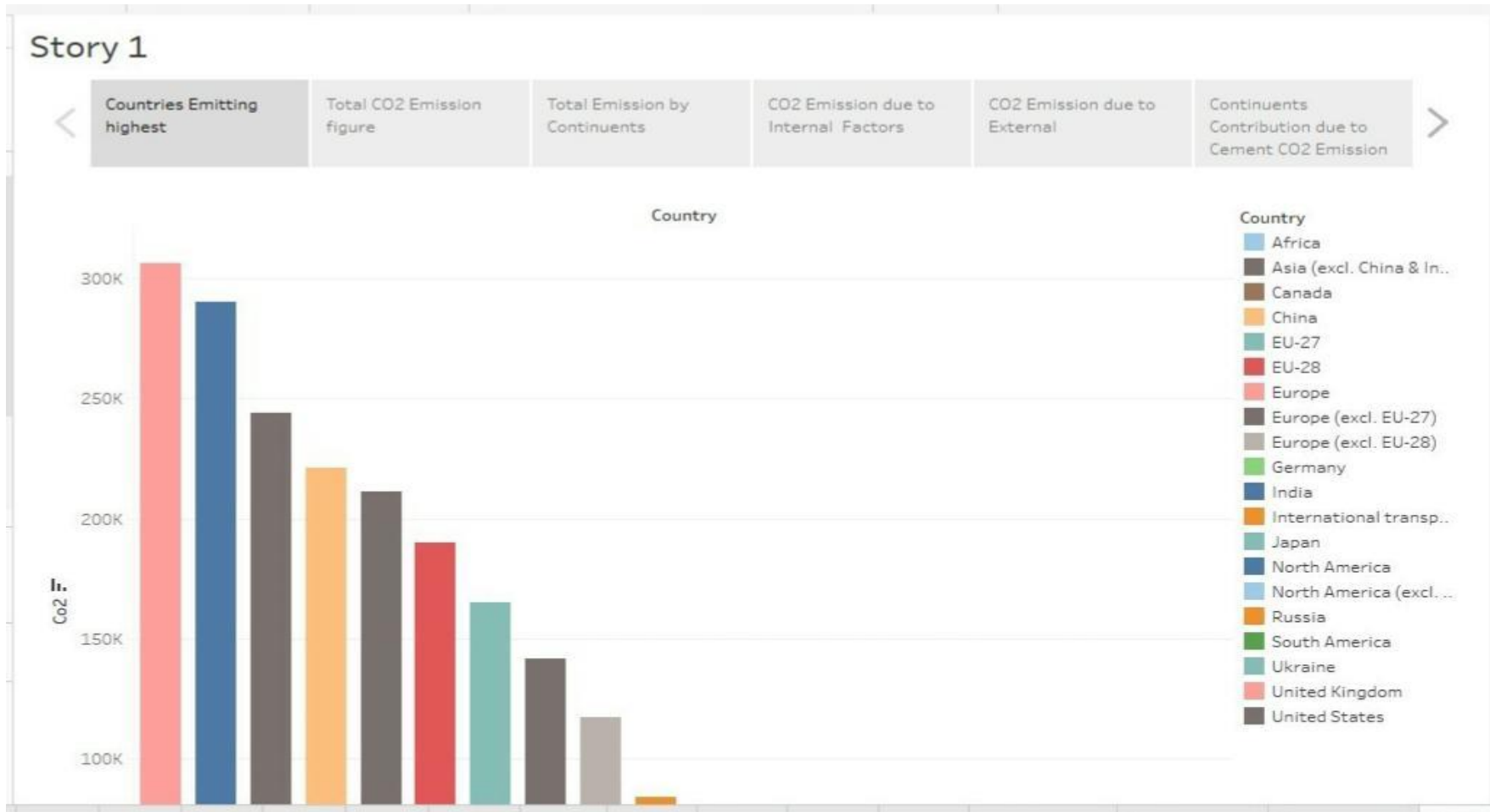








# STORY





# SOURCE CODE

```
File Edit Selection View Go Run Terminal Help
index.html - NAAN_Mudhalvan_final - Visual Studio Code

RUN ... No Configurat...
index.html
index.html > html > body#page-top > section#services.page-section
36     </div>
37   </nav>
38   <!-- Masthead-->
39   <header class="masthead">
40     <div class="container">
41       <div class="masthead-subheading">Welcome To NAAN MUDHALVAN Project!</div>
42       <div class="masthead-heading text-uppercase">Unearthing the environmental impact of human activ.
43     </div>
44   </div>
45 </header>
46 <!-- Services-->
47 <section class="page-section" id="services">
48   <div class="container">
49     <div class="text-center">
50       <h2 class="section-heading text-uppercase">Dashboard</h2>
51       <div class="tableauPlaceholder" id="viz1682249422622" style="position: relative"><noscript>
52     </div>
53   </div>
54 </section>
55 <!-- Portfolio Grid-->
56 <section class="page-section bg-light" id="portfolio">
57   <div class="container">
58     <div class="text-center">
59       <h2 class="section-heading text-uppercase">Story</h2>
60       <div class="tableauPlaceholder" id="viz1682249808088" style="position: relative"><noscript>
61     </div>
62   </div>
63 </section>
64 <!-- About-->
65 <section class="page-section" id="about">
```

# ADVANTAGES

- ▶ Green plants grow faster with more Co<sub>2</sub>
- ▶ More abundant vegetation from increased co<sub>2</sub> already apparent

# DISADVANTAGES

- ▶ High carbon dioxide levels can cause poor air quality
- ▶ Affecting various aspects of climate ,ocean temperature , sea levels
- ▶ It can even extinguish pilot lights on gas powered appliances

# CONCLUSION

- ▶ Co2 Emission are the primary driver of global climate change
- ▶ It's widely recognised that to avoid the worst impacts of climate changes , the world needs to urgently reduce emission
- ▶ An analysis the countries can identify areas for improvement and take steps to reduce factors that are responsible for co2 emission .

**TEAM LEADER :K.PRIYADARSHINI**

**TEAM MEMBERS: R.RAJASRI**

**M.RAMALAKSHMI**

**A.RAMYA**

***THANK YOU***