Download resources from link given below.

https://drive.google.com/open?id=1_wJNYrLkD0WCBAahFhYFIHd9BbVbxOOq

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First add "tl_2013_06_tract.shp" file, go to

Layer > Add Vector Layer...

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Click on "Browse".

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Open layer's attributes table by right clicking on it and selecting "Open Attribute Table".

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"GEOID" is unique attribute for this layer.

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ITVO	1 🎉	Attribute table - tl_2	013_06_tract :: Feat	ures total: 8057, filte	red: 8057, selected	0				-		tvoyagers.in
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		STATEFP ∇	COUNTYFP	TRACTCE	GEOID	NAME	NAMELSAD	MTFCC	FUNCSTAT	ALAND	AWATER 🔺	
	0	06	001	442700	06001442700	4427	Census Tract 44	G5020	S	1234034	0	
	1	06	001	442800	06001442800	4428	Census Tract 44	G5020	S	1278647	0	
	2	06	037	204920	06037204920	2049.20	Census Tract 20	G5020	S	909972	0	
	3	06	037	205110	06037205110	2051.10	Census Tract 20	G5020	S	286960	0	
	4	06	037	205120	06037205120	2051.20	Census Tract 20	G5020	S	1466129	0	
2.1	5	06	037	206010	06037206010	2060.10	Census Tract 20	G5020	S	1418124	20551	
ITVO	6	06	037	206020	06037206020	2060.20	Census Tract 20	G5020	S	843243	30290	tvovagers.in
	7	06	037	206050	06037206050	2060.50	Census Tract 20	G5020	S	1643424	94606	,
	8	06	037	207400	06037207400	2074	Census Tract 20	G5020	S	862958	6458	
	9	06	001	442900	06001442900	4429	Census Tract 44	G5020	S	2066533	0	
	10	06	037	192410	06037192410	1924.10	Census Tract 19	G5020	S	683899	0	
	11	06	037	192510	06037192510	1925.10	Census Tract 19	G5020	S	340750	0	
	12	06	037	192520	06037192520	1925.20	Census Tract 19	G5020	S	307802	0	
	13	06	037	192610	06037192610	1926.10	Census Tract 19	G5020	S	415408	0	
- 1	14	06	037	192700	06037192700	1927	Census Tract 19	G5020	S	531205	0	
ITVO	15	06	037	194500	06037194500	1945	Census Tract 19	G5020	S	685342	0	tvovagers in
	16	06	037	195100	06037195100	1951	Census Tract 19	G5020	S	1566362	329063	and he Bernauti
	17	06	037	195300	06037195300	1953	Census Tract 19	G5020	S	580349	0	
	18	06	001	443001	06001443001	4430.01	Census Tract 44	G5020	S	768730	0	
	19	06	001	443002	06001443002	4430.02	Census Tract 44	G5020	S	1580314	0	
	20	06	001	443102	06001443102	4431.02	Census Tract 44	G5020	S	2375918	0	
	21	06	001	443301	06001443301	4433.01	Census Tract 44	G5020	S	1577682	0	
	22	06	037	137501	06037137501	1375.01	Census Tract 13	G5020	S	2514417	0 - 1	
	•	-				1	1		· · · · ·			
		Show All Features										

Now check out "ca_tracts_pop.csv" file, here "GEO.id2" attribute is like foreign key for "GEOID" attribute from "tl_2013_06_tract". We have to read "D001" attribute's values as Integer but by default it is read as String to make QGIS read this attribute in Integer we need to add "ca_tracts_pop.csvt" file which state the attribute's datatypes.

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To add "ca_tracts_pop.csv" file go to

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Browse "ca_tracts_pop.csv" file and select "CSV (comma separated values)" in File format. And select "No geometry (attribute only table)", and click "OK"

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		POPGROUP.id	POPGROUP.display-label	GEO.id	GEO.id2	GEO.dis	play-label	-	
	1	001	Total population	1400000US06001400100	06001400100	Census Tract 4001, Ala	meda Cour	ntı	
	2	001	Total population	1400000US06001400200	06001400200	Census Tract 4002, Ala	meda Cour	nty	
	3	001	Total population	1400000US06001400300	06001400300	Census Tract 4003, Ala	meda Cour	nty	
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	5	001	Total population	1400000US06001400500	06001400500	Census Tract 4005, Ala	meda Cour	nti 🚽	ero jogers.in
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properties. IUIIIU



Go to "Joins", click on 🔳 button.

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	缓 Add vector join		?	\times	
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We can see that on join has been added, now click on "Apply" and then "OK".

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attributes are added.



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		FUNCSTAT	ALAND	AWATER	INTPTLAT	INTPTLON	ca_tracts_pop_POPGROUP.id	POPGROU	_tracts_pop_GEO.	ca_tracts_pop_GE	O.displa	
	351	S	2047150	0	+32.7984899	-115.5612929	001	Total p	1400000US0602	Census Tract 115, Ir	mperial	
	352	S	531123	4612	+33.9274077	-118.3402541	001	Total p	140000US0603	Census Tract 6020.0	02, Los A	
	353	S	625130	0	+33.9343496	-118.3393882	001	Total p	1400000US0603	Census Tract 6020.0	03, Los 4	
	354	S	592375	0	+33.9343280	-118.3306448	001	Total p	140000US0603	Census Tract 6020.0	04, Los /	
	355	S	835900	0	+33.9283058	-118.3567384	001	Total p	140000US0603	Census Tract 6021.0	03, Los 4	
ita ee	356	S	720926	0	+33.9278048	-118.3483843	001	Total p	1400000US0603	Census Tract 6021.0	04, Los /	tunuanore in
1.56.6	357	S	1057566	0	+34.0592133	-118.1839770	001	Total p	140000US0603	Census Tract 5307,	Los An <u>c</u>	itvoyagei s.iii
	358	S	1577853	0	+36.3092952	-119.3028348	001	Total p	1400000US0610	Census Tract 19.01,	Tulare	
	359	S	2234365	0	+36.3029650	-119.2990915	001	Total p	1400000US0610	Census Tract 19.02,	Tulare	
	360	S	2534585	0	+36.3200435	-119.3228298	001	Total p	1400000US0610	Census Tract 20.02,	Tulare	
	361	S	2574053	0	+36.3056613	-119.3226585	001	Total p	1400000US0610	Census Tract 20.03,	Tulare	
	362	S	2589085	0	+ 36.3055269	-119.3405353	001	Total p	1400000US0610	Census Tract 20.04,	Tulare	
	363	S	769115	0	+34.0508765	-118.1883898	001	Total p	1400000US0603	Census Tract 5308.0	01, Los A	
	364	S	566406	0	+34.0522791	-118.1813182	001	Total p	1400000US0603	Census Tract 5308.0	02, Los /	
	365	S	444141	0	+ 34.0432749	-118.1886037	001	Total p	1400000US0603	Census Tract 5309.0	01, Los /	
TVC	366	S	999474	0	+34.0407631	-118.1739023	001	Total p	140000US0603	Census Tract 5310,	Los An <u>c</u>	itvovagers.in
	367	S	498376	0	+ 34.0368402	-118.1815816	001	Total p	140000US0603	Census Tract 5311.0	02, Los 4	
	368	S	555365	0	+ 34.0297371	-118.1860676	001	Total p	140000US0603	Census Tract 5312.0	01, Los /	
	369	S	792708	0	+34.0217432	-118.1822337	001	Total p	1400000US0603	Census Tract 5313.0	01, Los /	
	370	S	883742	0	+34.0169010	-118.1827241	001	Total p	1400000US0603	Census Tract 5313.0	02, Los /	
	371	S	2609458	0	+33.8934521	-118.2749503	001	Total p	1400000US0603	Census Tract 5410.0	01, Los /	
	372	S	1292512	0	+36.3236674	-119.3406647	001	Total p	1400000US0610	Census Tract 20.08,	Tulare	
	373	S	1851447	0	+36.3172622	-119.3440073	001	Total p	1400000US0610	Census Tract 20.09,	Tulare 🕌	
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Now go to "tl_2013_06_tract" file's properties to change set the colour of map according to "D001" attribute's values.



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Go to "Style", select "Graduated", and in column select "ca_tracts_pop_D001".

Now colour band will appear below, if not then try adding own colour band or try changing "Mode" values. Once it done click on "OK".

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itvo	General Style abc Labels Fields Display Compositions Actions	Style Layer rendering Layer transparency Layer blending mode Graduated Column Column Column Color ramp Blues	Normal	 Feature blending mode 	Normal Classes 5 Mode Equal Interva		tvoyagers.in
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