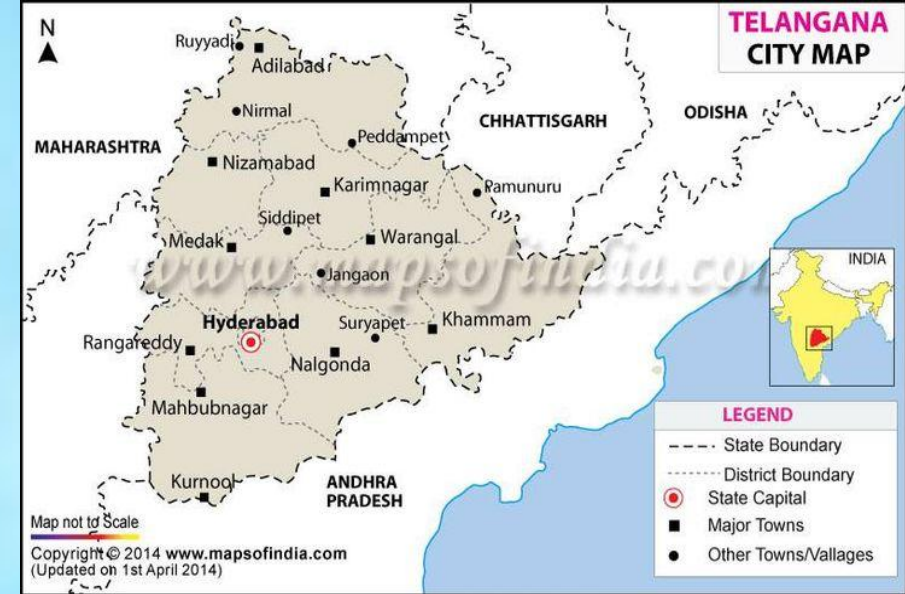


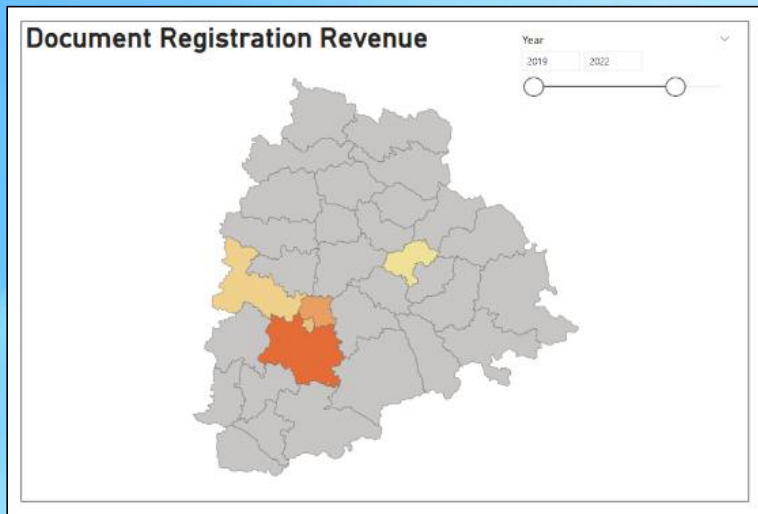


# Extracting Insights From Telangana Growth Analysis



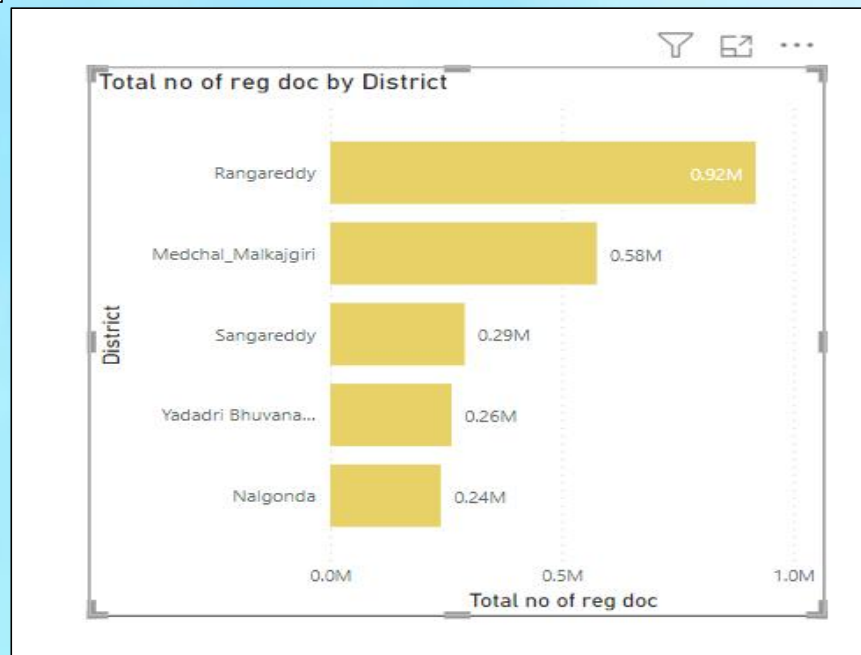


## Revenue generated from document registration



### Insight :

- From 2019 to 2022 in Rangareddy has the highest number of documents registered and the maximum revenue is coming from Rangareddy.
- There are a huge difference in the total number of registered documents from Rangareddy to Medchal\_Malkajgiri and from Medchal\_Malkajgiri to Sangareddy.
- The average number of documents in 2020 has decreased drastically and after 2021 the average number of documents has decreased slightly.

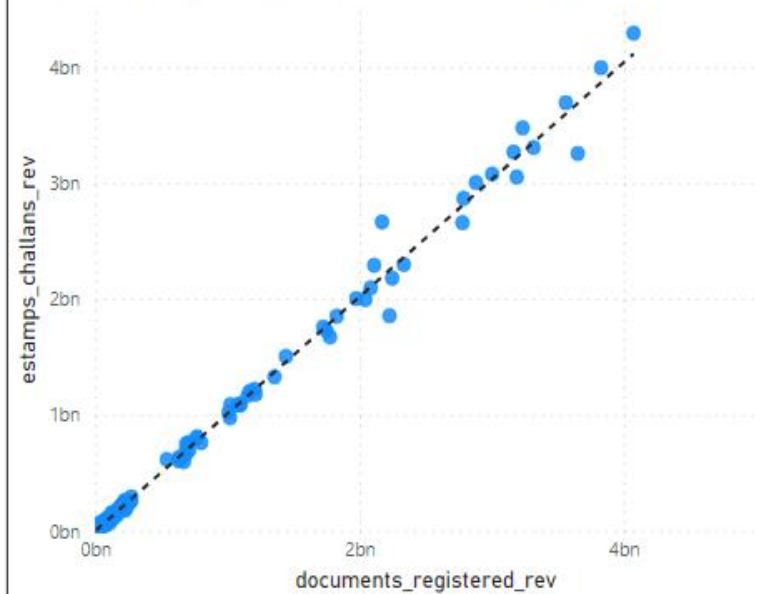


District	No of doc reg	No of doc reg rev
Rangareddy	860842	98680815018
Medchal_Malkajgiri	535119	58236801642
Hyderabad	199950	34360810312
Sangareddy	272055	19863966773
Hanumakonda	178214	7259724585
Total	2046180	218402118330

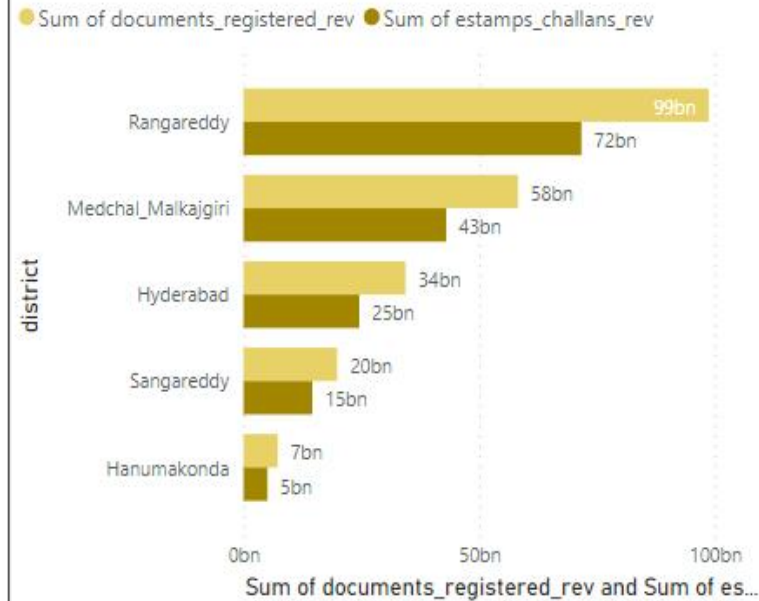




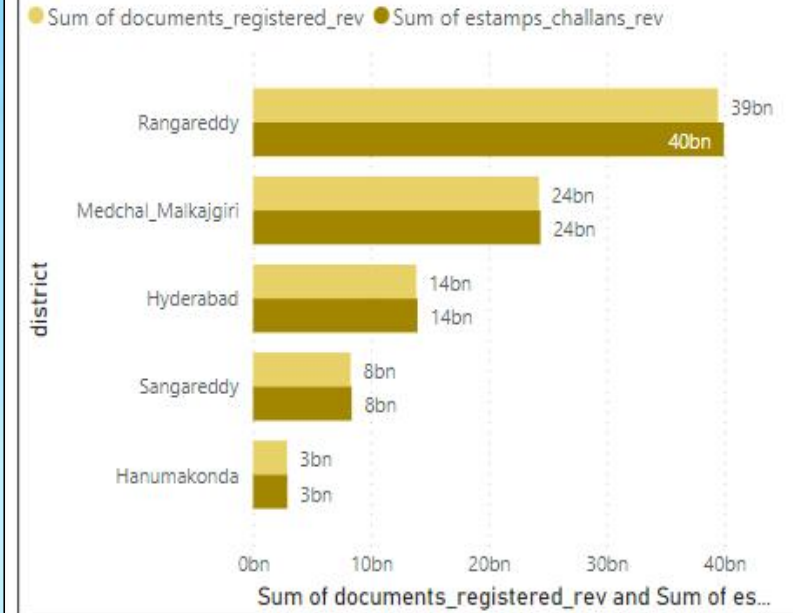
documents\_registered\_rev and estamps\_challans\_rev



Sum of documents\_registered\_rev and Sum of estamps\_challans\_rev by district



Sum of documents\_registered\_rev and Sum of estamps\_challans\_rev by district



### Insight :

- From 2019 to 2022, registered documents generated the most revenue compared to revenue generated from e-stamp challans but for FY 2022, e-stamps generated the highest revenue compared to the revenue generated from registered documents.
- The difference between the revenue generated from e-stamp challan and the revenue generated from registered documents in FY 2022 is too less and revenue generated from registered documents has increased simultaneously with the revenue generated from e-stamp challans.

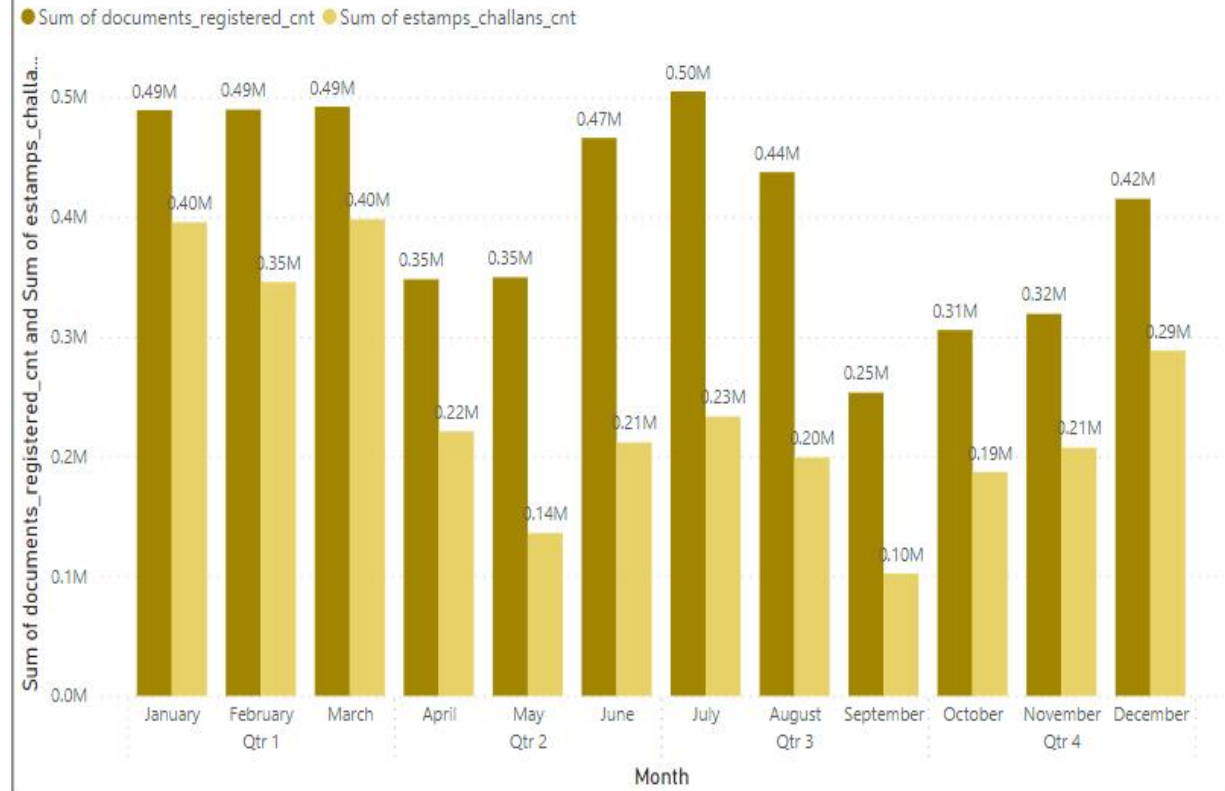
district	Total_estamps_challans_rev	Total_documents_registered_rev
Rangareddy	39955444951	39465527338
Medchal_Malkajgiri	24394118384	24264692242
Hyderabad	13959081475	13860437338
Sangareddy	8371737803	8279206192
Hanumakonda	2911182033	2891014228
<b>Total</b>	<b>89591564646</b>	<b>88760877338</b>

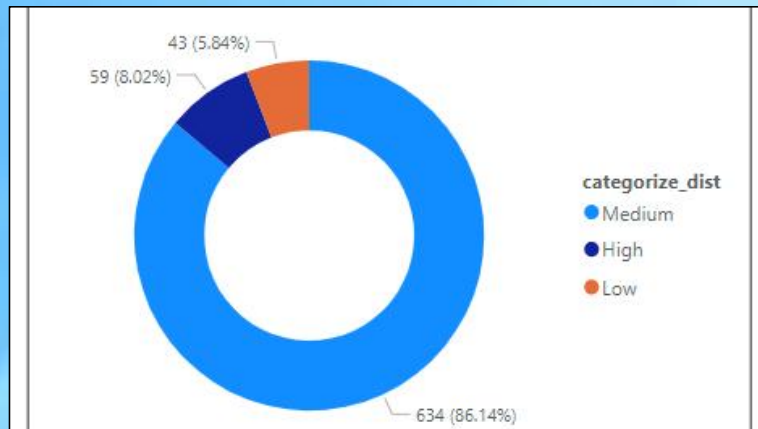


### Insight :

- There is a huge difference between the total number of registered documents and the total number of e-stamp challans in Qtr-1, qtr-2, qtr-3 and qtr-4. Basically, the difference between the total number of registered documents and the total number of e-stamp invoices between May, June, July, August and September is comparatively higher than other months.
- In first quarter, second quarter, third quarter and fourth quarter most number of people have been submitted their documents to the government but the less number of people have been submitted e-stamp challans to the government.
- So, government should focus on e-stamp and inform people of telangana about e-stamps.  
Moreover the government should also focus on e-stamps submitted in the months of May, June, July, August and September.

Sum of documents\_registered\_cnt and Sum of estamps\_challans\_cnt by Quarter and Month





### Insight :

- During the fiscal year 2021 to 2022 the medium category generated maximum revenue and the lower category generated the least revenue.
- In 2021 maximum revenue 102,09,93,124 to 429,42,73,078 is generated from Hyderabad, Medchal\_Malkajgiri, Rangareddy.
- In 2022 maximum revenue 102,09,93,124 to 429,42,73,078 is generated from Hyderabad, Medchal\_Malkajgiri, Rangareddy.

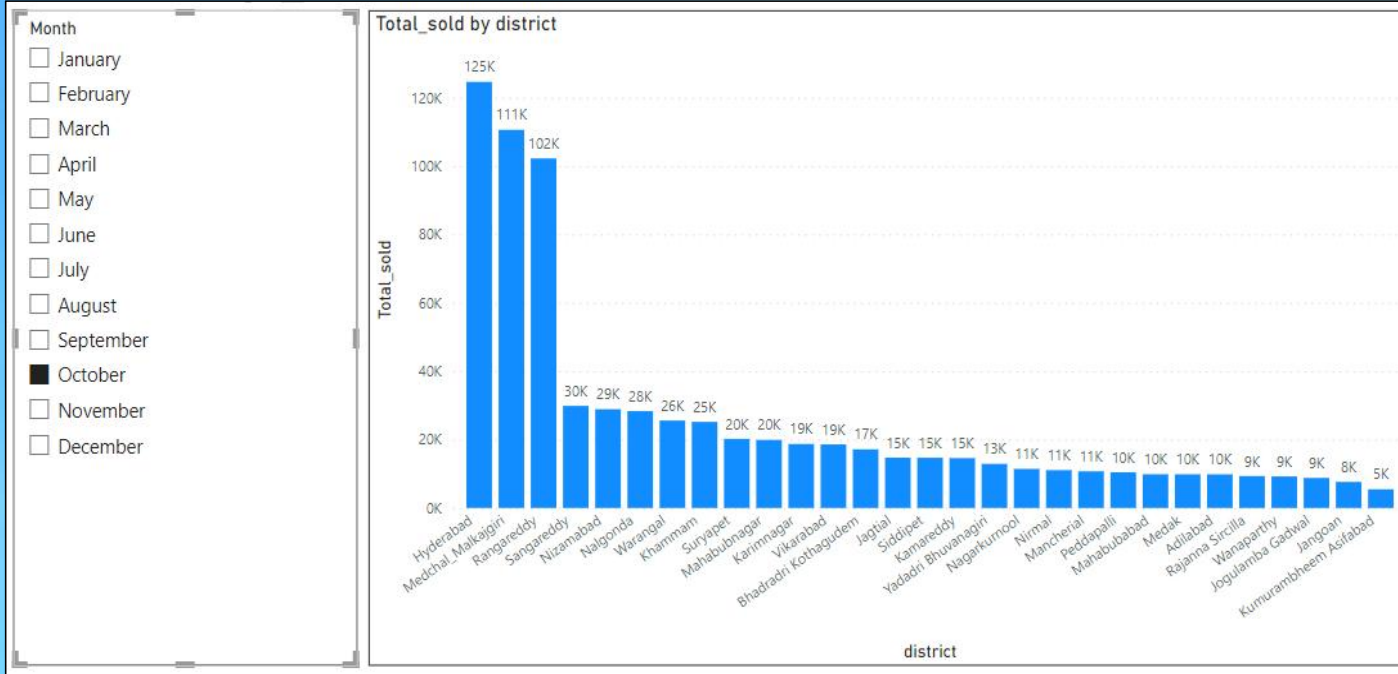
Year	district	category
2021	Hyderabad	High
2021	Medchal_Malkajgiri	High
2021	Rangareddy	High
2022	Hyderabad	High
2022	Medchal_Malkajgiri	High
2022	Rangareddy	High

- High – 1020993124 to 4294273078
- Medium – 10057788 to 975133672
- Low – 723798 to 9714305

Year	district	category
2021	Adilabad	Low
2021	Bhadradi Kothagudem	Low
2021	Jagtial	Low
2021	Jangoan	Low
2021	Jogulamba Gadwal	Low
2021	Kamareddy	Low
2021	Kumurambheem Asifabad	Low
2021	Mahabubabad	Low
2021	Mancherial	Low
2021	Medak	Low
2021	Mulugu	Low
2021	Nagarkurnool	Low
2021	Narayanpet	Low
2021	Nirmal	Low
2021	Peddapalli	Low
2021	Rajanna Sircilla	Low
2021	Vikarabad	Low
2021	Wanaparthi	Low
2021	Warangal	Low
2022	Kumurambheem Asifabad	Low

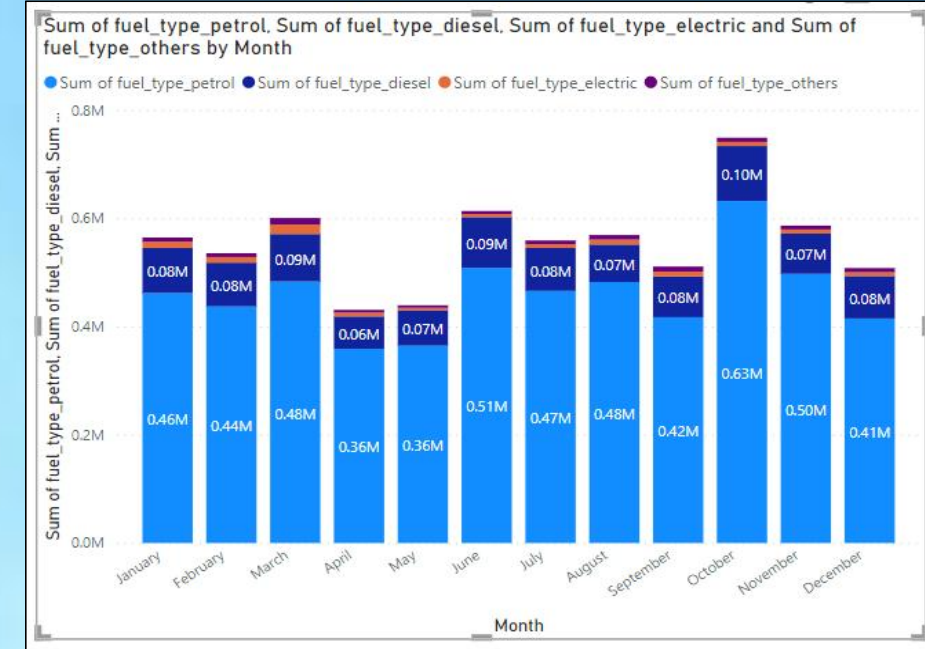
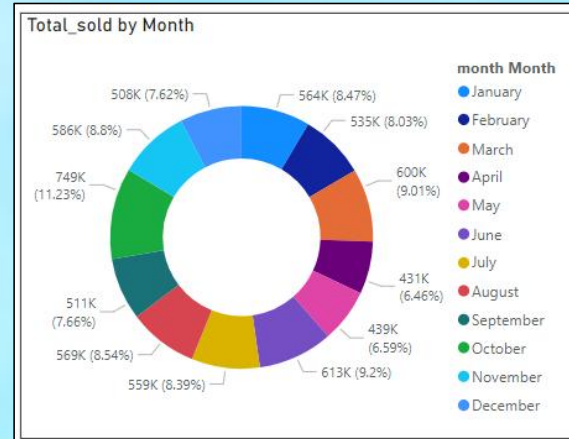
Year	district	category
2021	Adilabad	Medium
2021	Bhadradi Kothagudem	Medium
2021	Hanumakonda	Medium
2021	Hyderabad	Medium
2021	Jagtial	Medium
2021	Jangoan	Medium
2021	Jogulamba Gadwal	Medium
2021	Kamareddy	Medium
2021	Karimnagar	Medium
2021	Khammam	Medium
2021	Mahabubabad	Medium
2021	Mahabubnagar	Medium
2021	Mancherial	Medium
2021	Medak	Medium
2021	Medchal_Malkajgiri	Medium
2021	Mulugu	Medium
2021	Nagarkurnool	Medium
2021	Nalgonda	Medium
2021	Narayanpet	Medium
2021	Nirmal	Medium
2021	Nizamabad	Medium





### Insight :

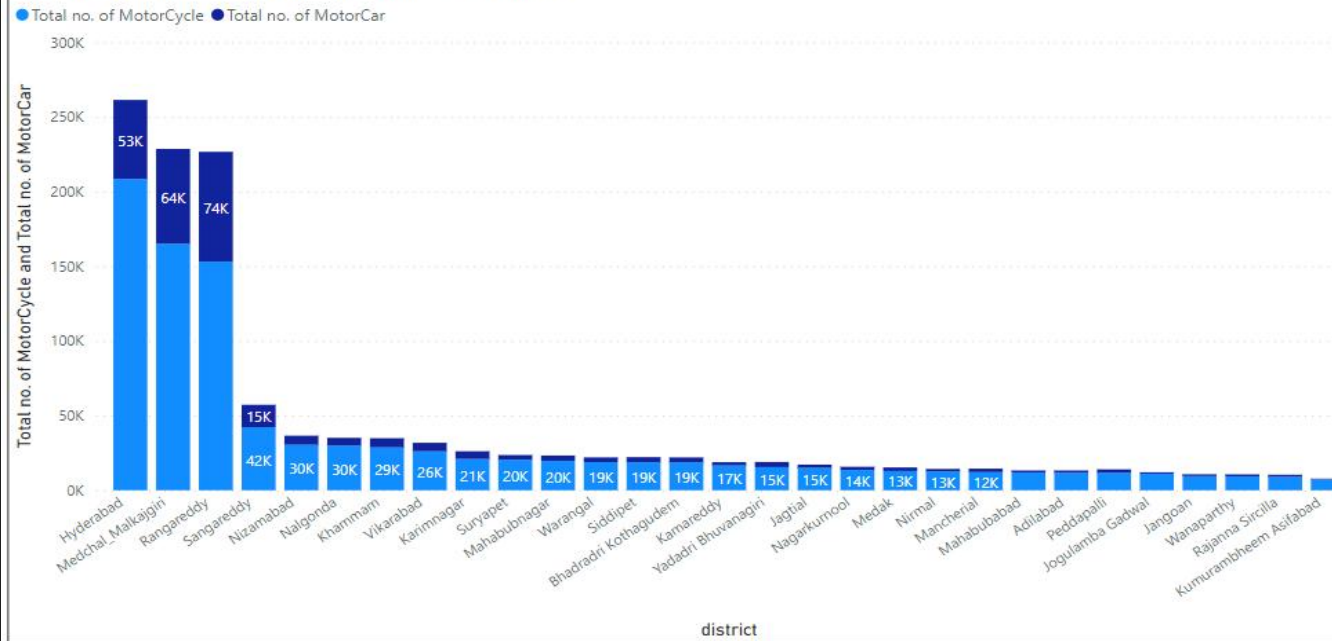
- Maximum number of cars sold in January and minimum number of cars sold in April.
- In October highest number of cars sold in Hyderabad and lowest number of cars sold in Kumurambhim Asifabad.
- Petrol type cars were sold in the highest number.



Month	Sum of fuel_type_petrol	Sum of fuel_type_diesel	Sum of fuel_type_electric	Sum of fuel_type_others
October	631877	101603	7603	7729
June	508584	93581	5797	5452
November	497327	74429	7458	7162
March	483165	87782	17390	12121
August	482193	69282	9177	8399
July	465809	79271	6992	6920
January	461802	83417	11431	7841
February	437066	80949	10366	7062
September	417136	75262	8981	9452
December	414815	78513	6953	7710
May	364607	65556	4384	4648
April	358884	59739	7127	4973
Total	5523265	949384	103659	89469



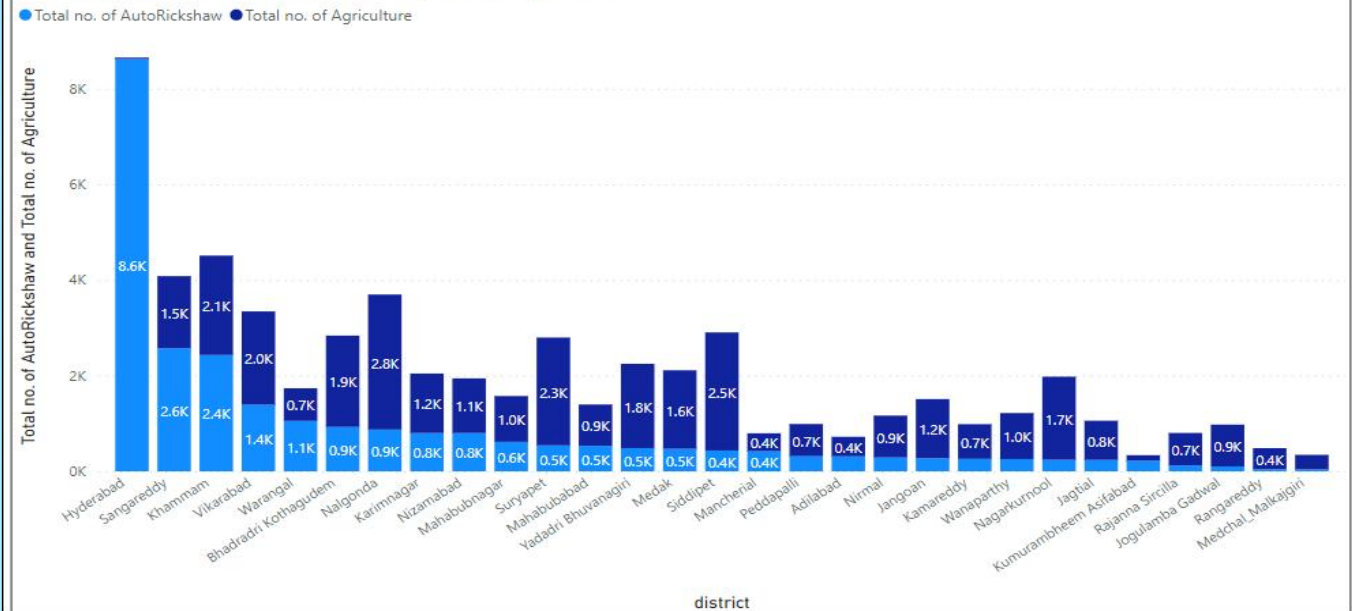
Total no. of MotorCycle and Total no. of MotorCar by district



### Insight :

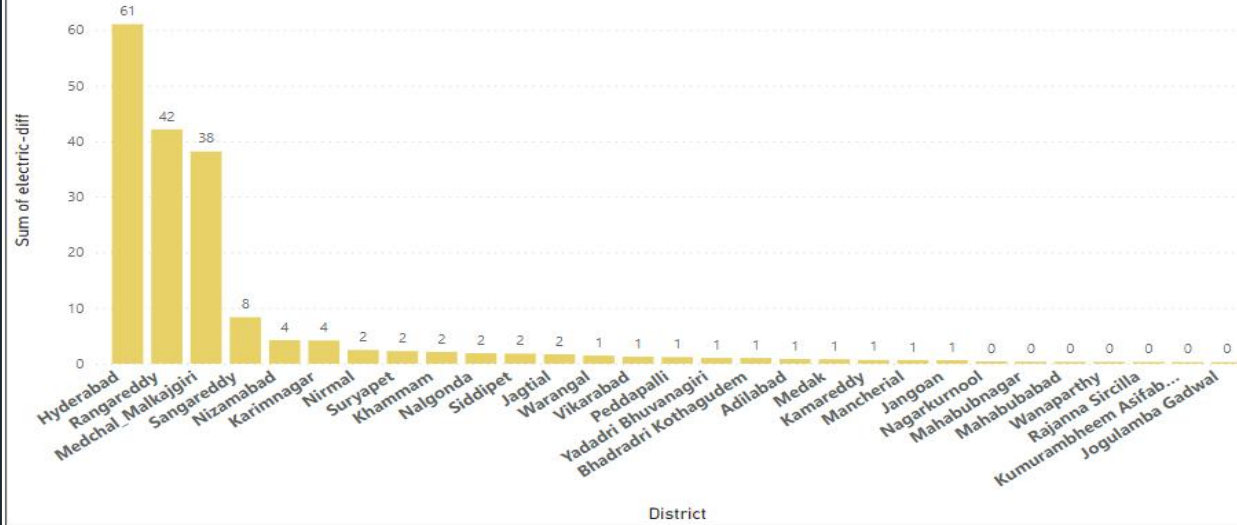
- In FY 2022, highest number of MotorCycle has sold in Hyderabad.
- In FY 2022, highest number of MotorCar has sold in Rangareddy.
- In FY 2022, highest number of AutoRickshaw has sold in Hyderabad.
- In FY 2022, highest number of Agriculture's vehicle has sold in Nalgonda.

Total no. of AutoRickshaw and Total no. of Agriculture by district

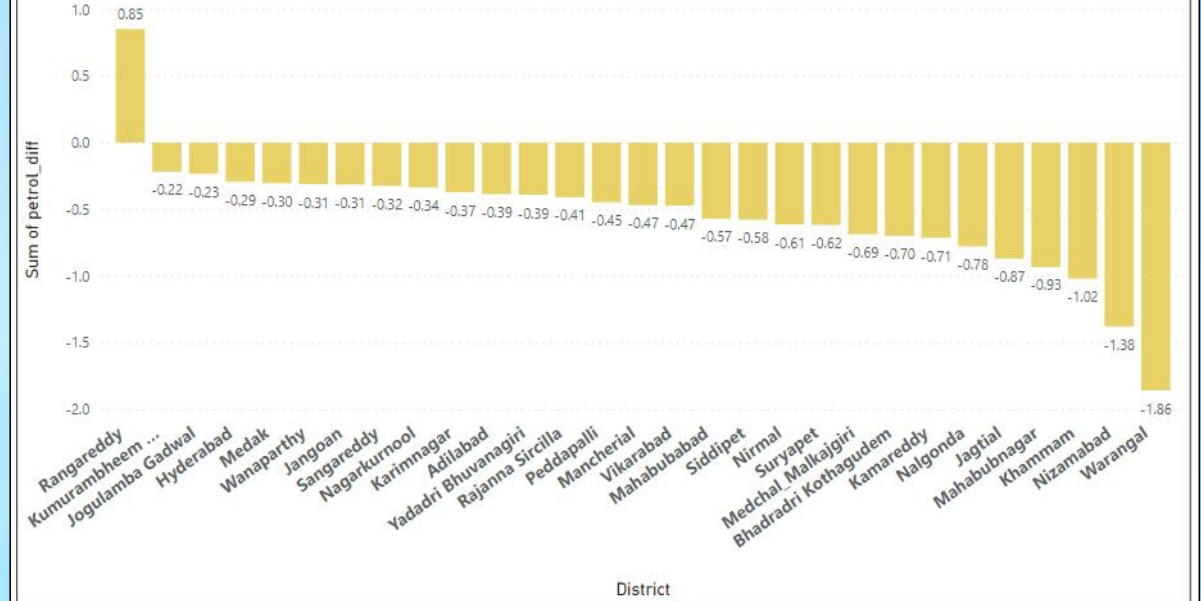




Sum of electric\_diff by District



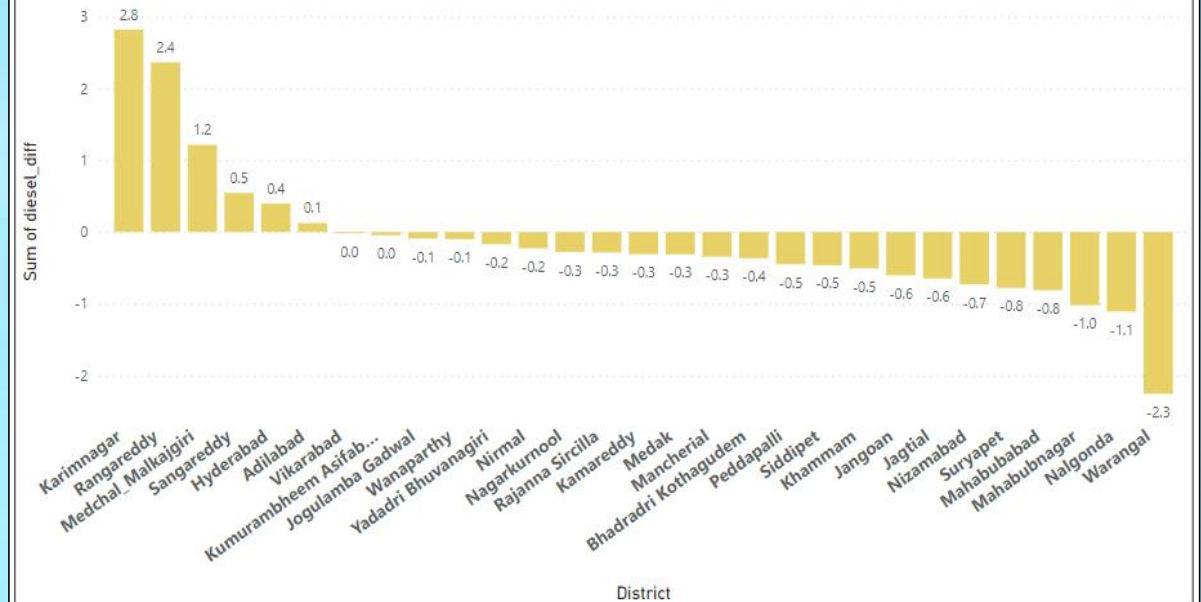
Sum of petrol\_diff by District



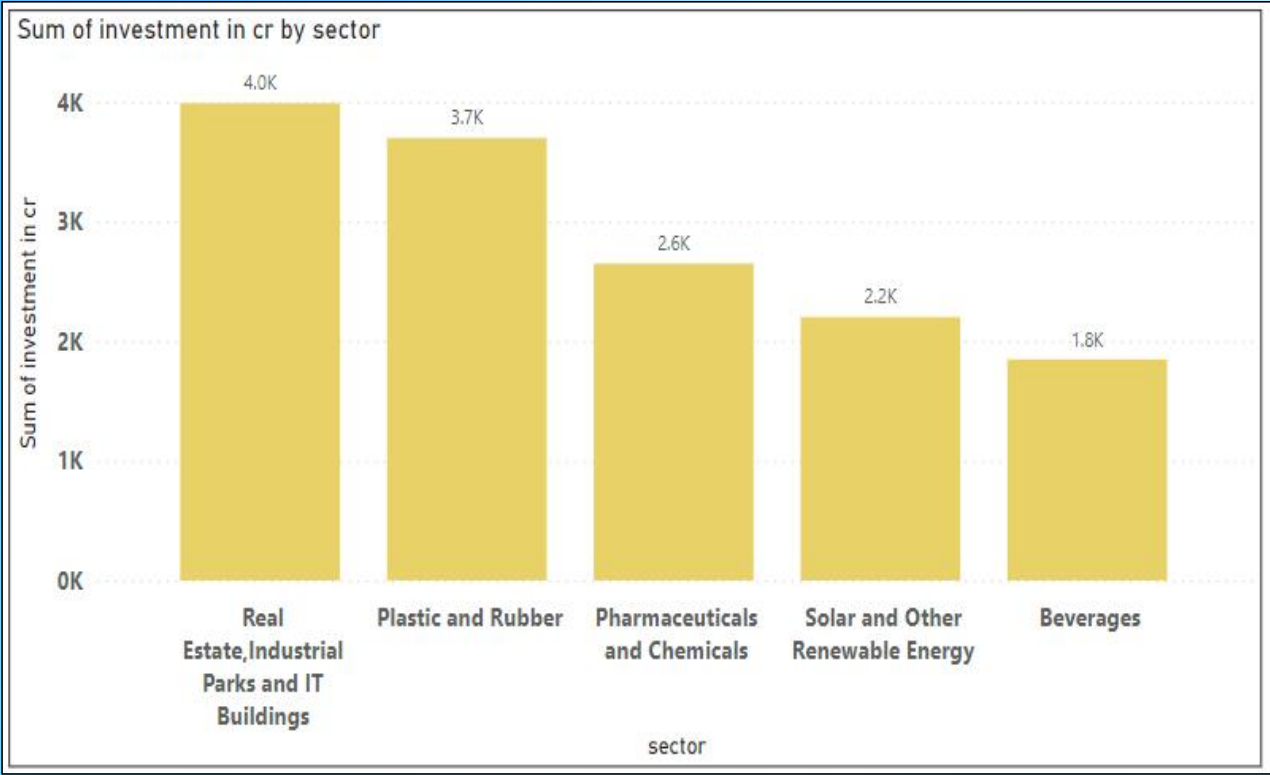
## Insight :

- Top 3 districts which have sold the highest and lowest number of Petrol Vehicles :
  - Highest : *Rangareddy, Kumurambheem and Jogulamba*
  - Lowest : *Warangal, Nizamabad and Khammam*
- Top 3 districts which have sold the highest and lowest number of Diesel Vehicles :
  - Highest : *Karimnagar, Rangareddy and Medchal\_Malkajgiri*
  - Lowest : *Warangal, Nalgonda and Mahabubnagar*
- Top 3 districts which have sold the highest and lowest number of Electric Vehicles :
  - Highest : *Hyderabad, Rangareddy and Medchal\_Malkajgiri*
  - Lowest : *Jangaon, Mancherial and Kamareddy*

Sum of diesel\_diff by District



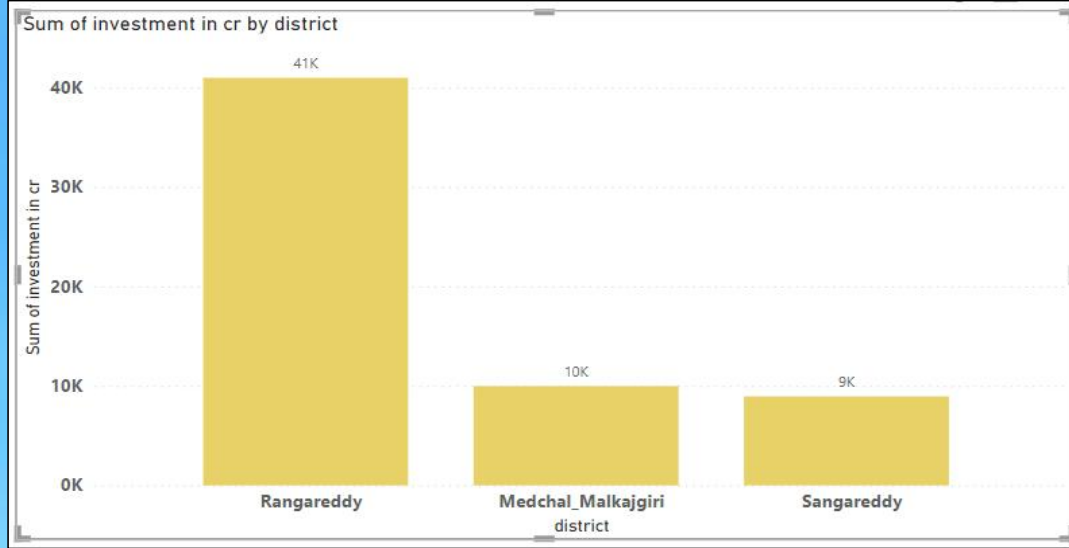




sector	Sum of investment in cr
Real Estate,Industrial Parks and IT Buildings	29,778.17
Pharmaceuticals and Chemicals	15,858.06
Plastic and Rubber	9,649.78
Solar and Other Renewable Energy	5,639.70
Fertilzers Organic and Inorganic,Pesticides,Insecticides, and Other Related	5,418.40
Total	66,344.12

Insight :

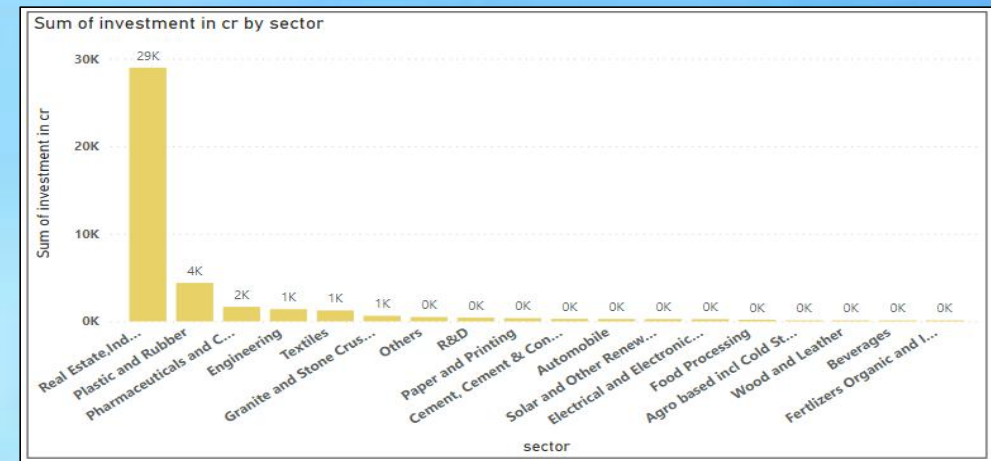
In FY 2022 top 5 sectors are ‘Real Estate, Industrial Parks and IT Buildings’, ‘Plastic and Rubber Industry’, ‘Pharmaceuticals and Chemicals’, ‘Solar and other Renewable Energy’, ‘Beverages Industry’ in which the most investment has been made.



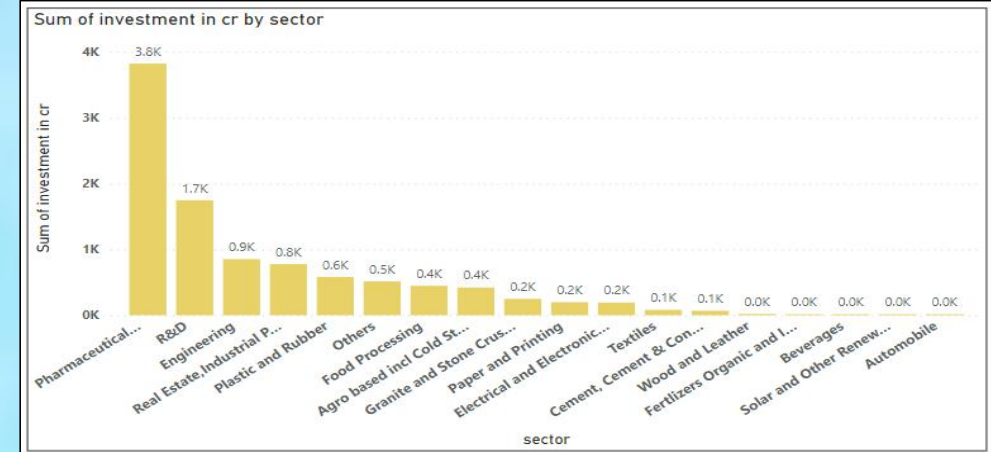
### Insight :

- Rangareddy, Sangareddy and Medchal\_Malkajgiri are the top 3 districts with highest investment during FY 2019 to 2022
- Rangareddy has invested most in *Real Estate, Industrial Parks and IT Buildings* during FY 2019 to 2022
- Sangareddy and Medchal\_Malkajgir have invested most in *Pharmaceuticals and Chemicals* during FY 2019 to 2022

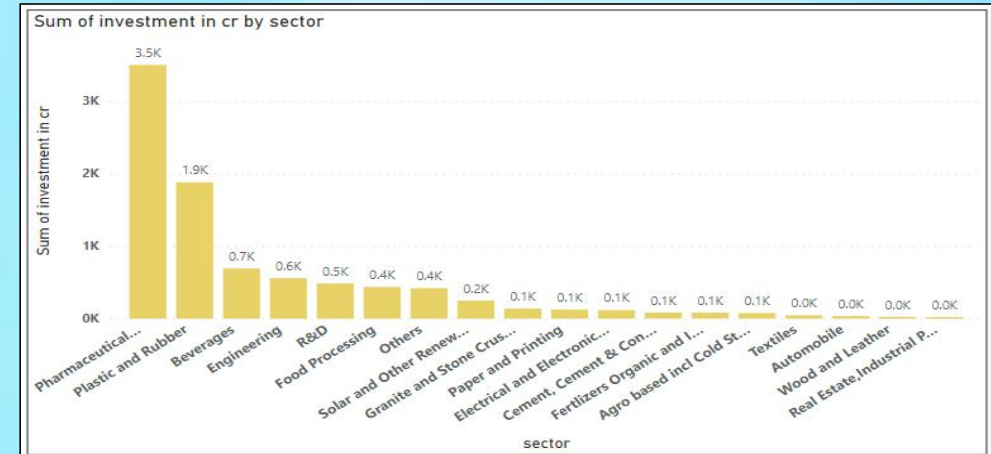
### Rangareddy



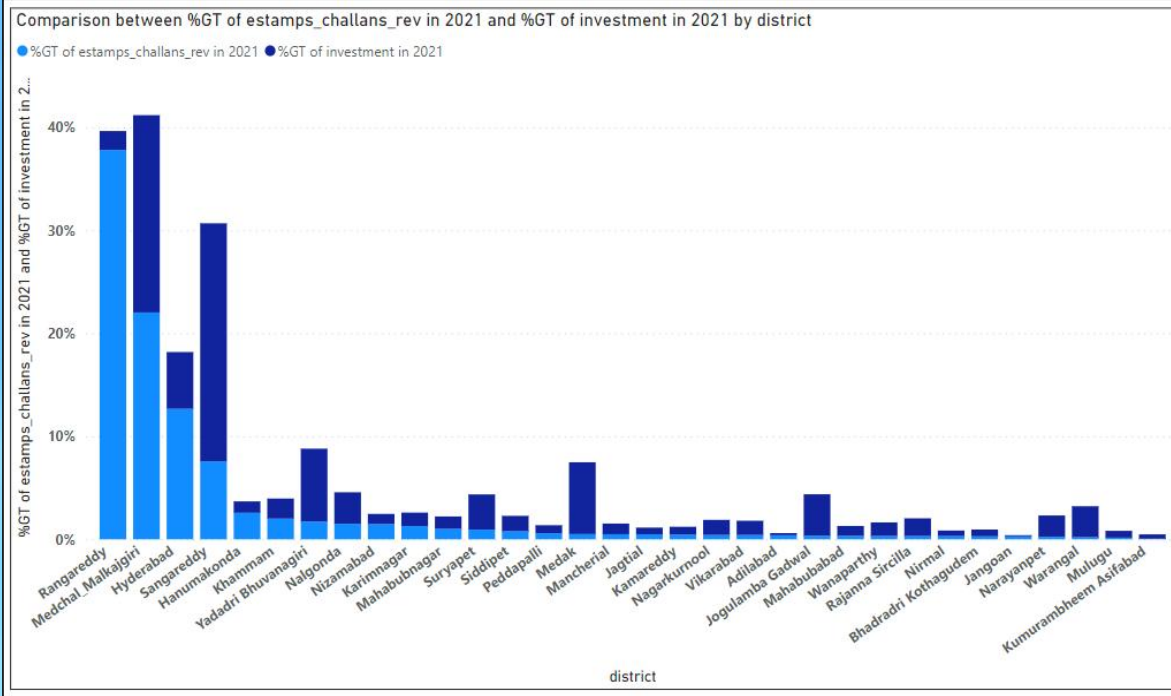
### Sangareddy



### Medchal\_Malkajgiri

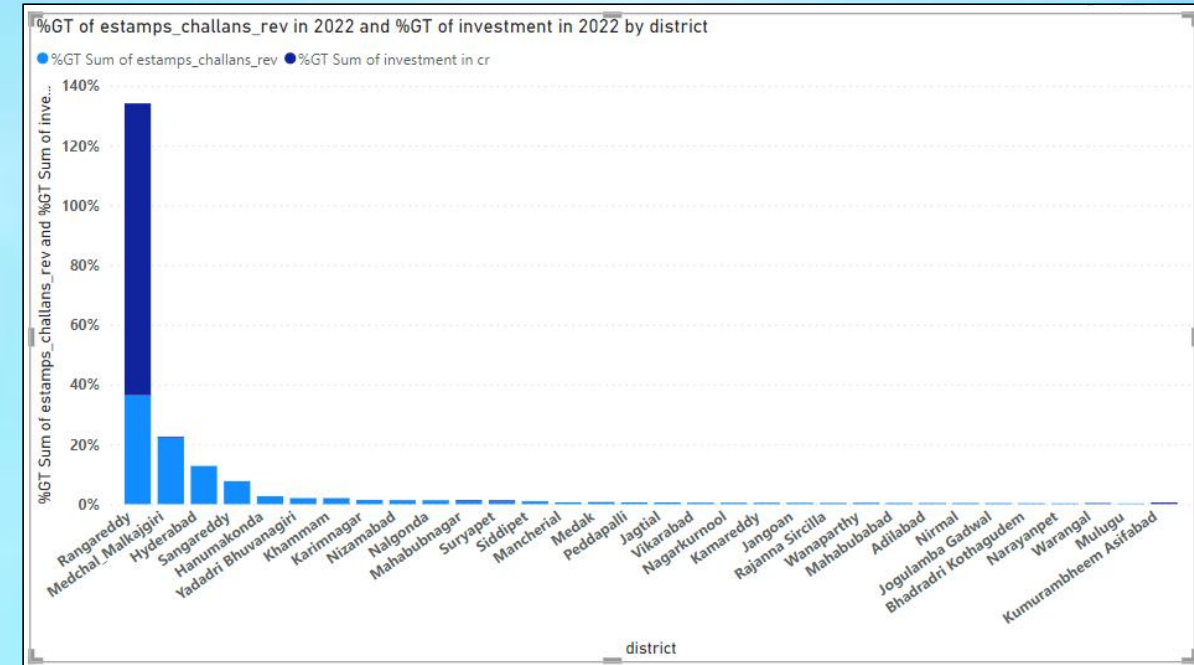


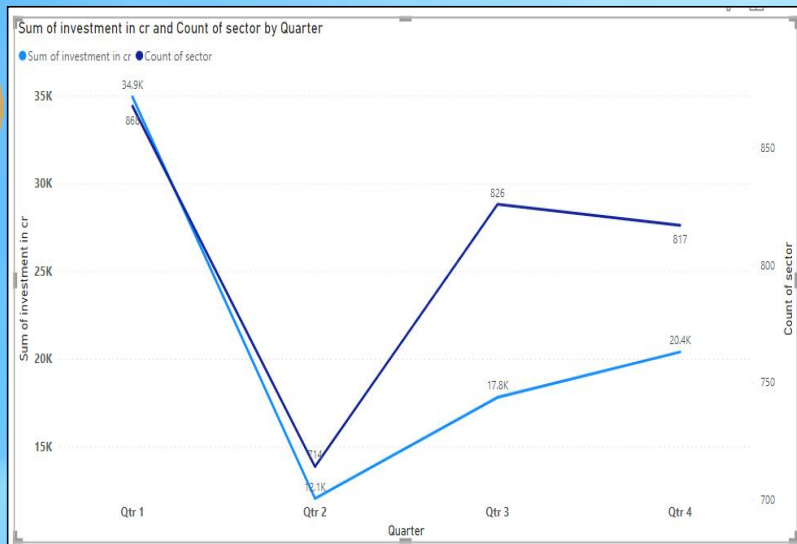
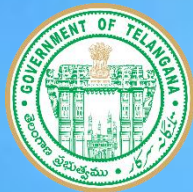




### Insight :

- Most of the estamps revenue in FY2021 was generated from Rangareddy but investment was very low.
- In FY 2022, the government invested heavily than FY 2021 in Rangareddy but generated very little estamp revenue.
- Additionally, in the FY 2021, the government had invested more compared to the FY 2022.





#### Insight :

- The government invested the most in the first quarter but government invested the very less amount in the second quarter.
- In the fourth quarter the government invested more than the second quarter and the third quarter; but the government invested in the least number of sectors compared to the previous two quarters

**The sector in which the highest investment has been made every month :**  
January – Plastic & Rubber

February – Real Estate, Industrial Parks and IT Buildings

March – Real Estate, Industrial Parks and IT Buildings

April – Solar and Other Renewable Energy

May – Real Estate, Industrial Parks and IT Buildings

June – Pharmaceuticals and Chemicals

July – Pharmaceuticals and Chemicals

August – Real Estate, Industrial Parks and IT Buildings

September – Pharmaceuticals and Chemicals

October – Pharmaceuticals and Chemicals

November – Solar and Other Renewable Energy

December – Fertilizers Organic and Inorganic, Pesticides, Insecticides and Other Related

Quarter	sector	Sum of investment in cr
Qtr 1	Agro based incl Cold Storages	422.77
Qtr 1	Automobile	1,261.61
Qtr 1	Beverages	1,563.29
Qtr 1	Cement, Cement & Concrete Products, Fly Ash Bricks	266.72
Qtr 1	Electrical and Electronic Products	380.00
Qtr 1	Engineering	1,977.02
Qtr 1	Fertilizers Organic and Inorganic,Pesticides,Insecticides, and Other Related	42.04
Qtr 1	Food Processing	1,073.91
Qtr 1	Granite and Stone Crushing	346.73
Qtr 1	Industrial Parks and IT Buildings	280.41
Qtr 1	Others	750.03
Qtr 1	Paper and Printing	498.77
Qtr 1	Pharmaceuticals and Chemicals	3,545.25
Qtr 1	Plastic and Rubber	2,826.79
Qtr 1	R&D	1,172.01
Qtr 1	Real Estate,Industrial Parks and IT Buildings	22,639.52
Qtr 1	Solar and Other Renewable Energy	402.77
Qtr 1	Textiles	185.70
Qtr 1	Wood and Leather	37.84
Total		39,673.17

Quarter	sector	Sum of investment in cr
Qtr 3	Agro based incl Cold Storages	444.12
Qtr 3	Automobile	37.09
Qtr 3	Beverages	27.81
Qtr 3	Cement, Cement & Concrete Products, Fly Ash Bricks	1,292.07
Qtr 3	Electrical and Electronic Products	267.10
Qtr 3	Engineering	858.96
Qtr 3	Fertilizers Organic and Inorganic,Pesticides,Insecticides, and Other Related	69.59
Qtr 3	Food Processing	1,051.74
Qtr 3	Granite and Stone Crushing	224.51
Qtr 3	Others	1,088.33
Qtr 3	Paper and Printing	1,189.97
Qtr 3	Pharmaceuticals and Chemicals	5,900.63
Qtr 3	Plastic and Rubber	2,421.24
Qtr 3	R&D	1,038.84
Qtr 3	Real Estate,Industrial Parks and IT Buildings	3,415.27
Qtr 3	Solar and Other Renewable Energy	774.66
Qtr 3	Textiles	1,377.50
Qtr 3	Thermal Power Plant	87.00
Qtr 3	Wood and Leather	62.03
Total		21,628.49

Quarter	sector	Sum of investment in cr
Qtr 2	Agro based incl Cold Storages	867.11
Qtr 2	Automobile	53.75
Qtr 2	Beverages	381.30
Qtr 2	Cement, Cement & Concrete Products, Fly Ash Bricks	561.60
Qtr 2	Electrical and Electronic Products	188.16
Qtr 2	Engineering	773.63
Qtr 2	Fertilizers Organic and Inorganic,Pesticides,Insecticides, and Other Related	20.14
Qtr 2	Food Processing	655.17
Qtr 2	Granite and Stone Crushing	693.12
Qtr 2	Others	671.36
Qtr 2	Paper and Printing	99.52
Qtr 2	Pharmaceuticals and Chemicals	2,472.59
Qtr 2	Plastic and Rubber	1,801.52
Qtr 2	R&D	1,151.38
Qtr 2	Real Estate,Industrial Parks and IT Buildings	1,996.77
Qtr 2	Solar and Other Renewable Energy	2,410.88
Qtr 2	Textiles	104.03
Qtr 2	Wood and Leather	25.10
Total		14,927.10

Quarter	sector	Sum of investment in cr
Qtr 4	Agro based incl Cold Storages	366.46
Qtr 4	Automobile	222.76
Qtr 4	Beverages	837.40
Qtr 4	Cement, Cement & Concrete Products, Fly Ash Bricks	118.25
Qtr 4	Electrical and Electronic Products	106.36
Qtr 4	Engineering	1,415.00
Qtr 4	Fertilizers Organic and Inorganic,Pesticides,Insecticides, and Other Related	5,286.62
Qtr 4	Food Processing	1,335.09
Qtr 4	Granite and Stone Crushing	658.02
Qtr 4	Others	719.76
Qtr 4	Paper and Printing	1,157.98
Qtr 4	Pharmaceuticals and Chemicals	3,939.60
Qtr 4	Plastic and Rubber	2,600.24
Qtr 4	R&D	158.68
Qtr 4	Real Estate,Industrial Parks and IT Buildings	1,726.61
Qtr 4	Solar and Other Renewable Energy	2,051.39
Qtr 4	Textiles	177.04
Qtr 4	Wood and Leather	27.43
Total		22,904.71