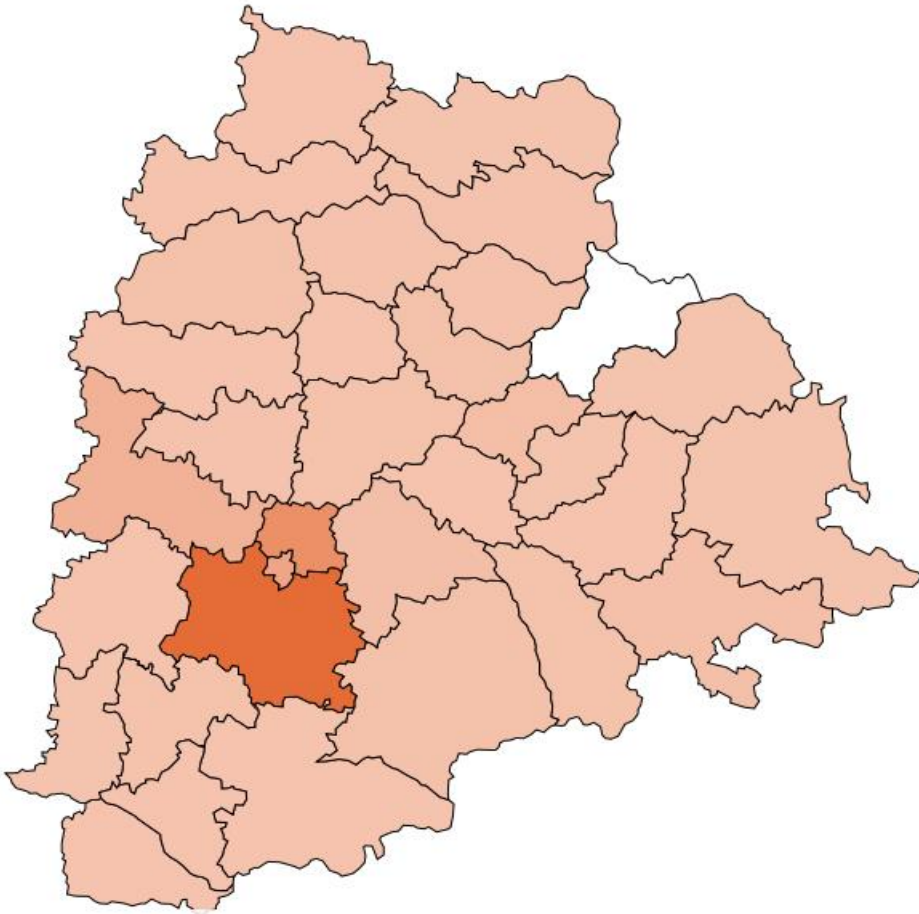




Telangana Growth Analysis



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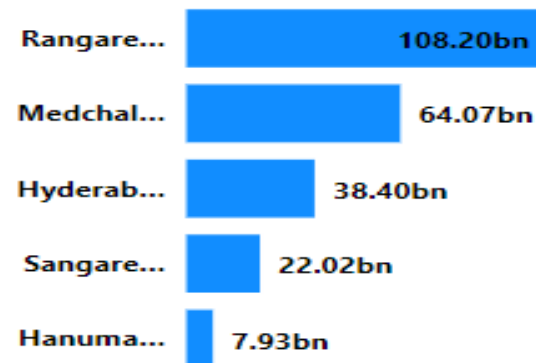
 - ❖ Recommendations

Revenue generated from document registration vary **across districts** in Telangana and **top 5 districts in** FY 2019 and 2022

Document registration vary across districts

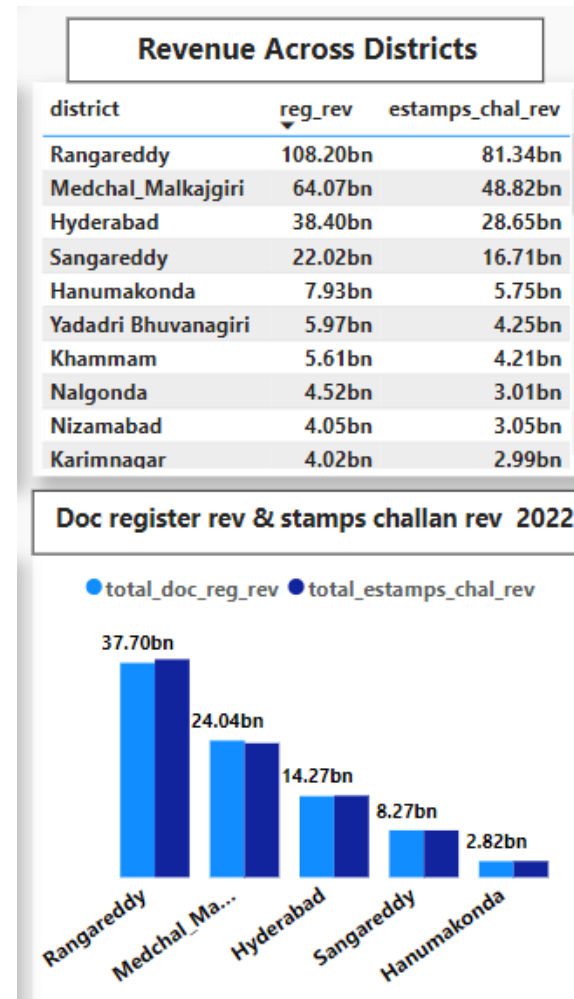


Top 5 Districts highest revenue



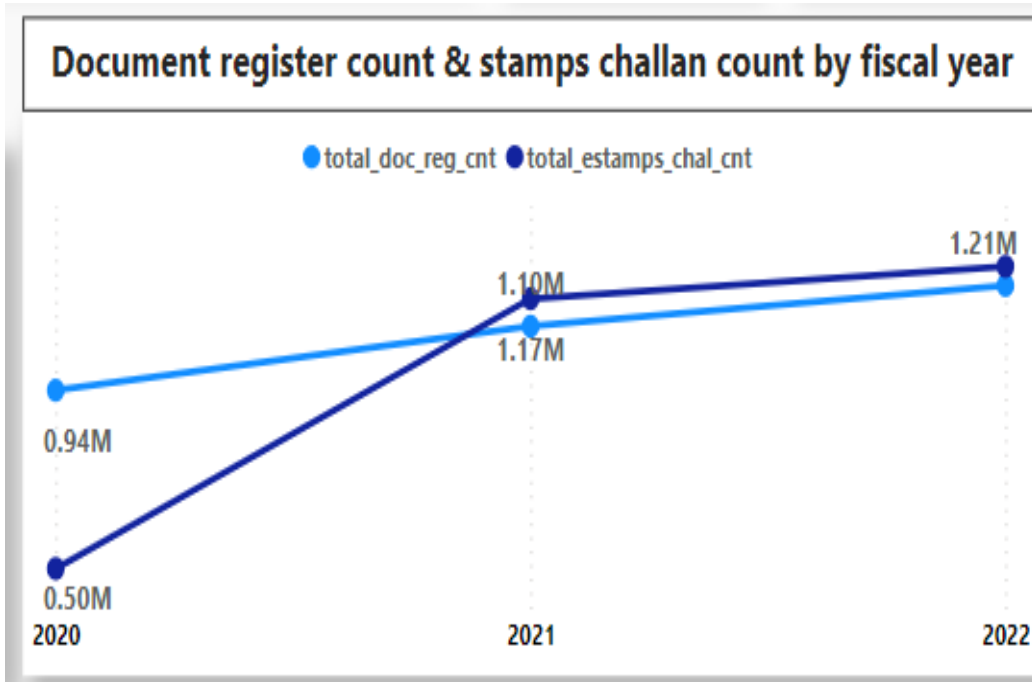
- Rangareddy
- Madchal_malkajgiri
- Hyderabad
- Sangareddy
- Hanumakonda

Revenue generated from document registration compare to e-stamp challans **across districts?** top **5 districts** where e-stamps revenue contributes significantly more to the **revenue** than the documents in **FY 2022**



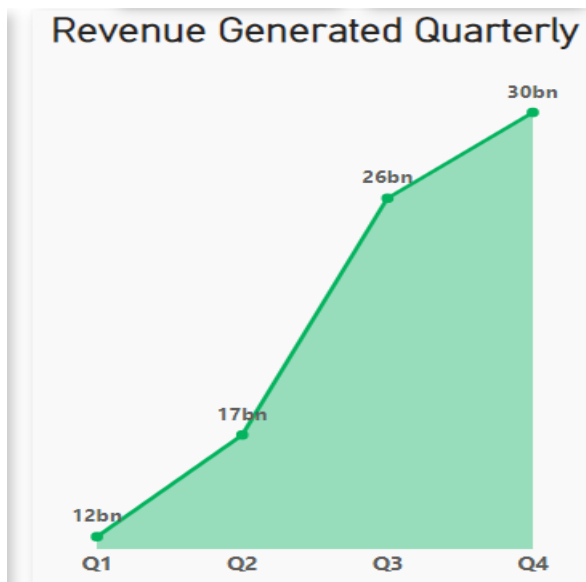
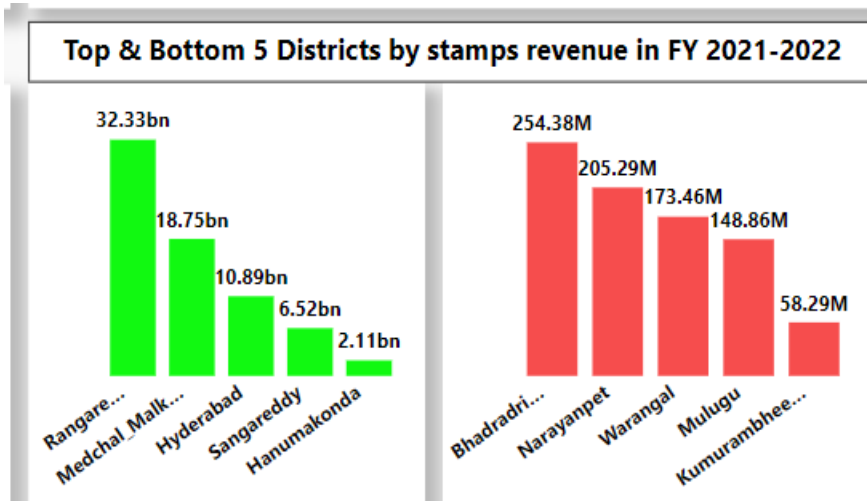
- The registration department got **Rs. 12,364 crore** in 2021-22 which was **136%** more than previous year
- In 2020-21 it was **Rs. 5,260 crore**
- In Rangareddy districts of telangana the e-stamps revenue contributed nearly **32%** which was **about 6516 lakh** more than revenue generated from document registration in FY 2022
- In Hyderabad the e-stamps revenue contribution was around **12%** which was **1083 lakh** more than document registration revenue.
- In Hanumakonda e-stamps revenue generated was around **2.4%**

e-Stamp challan count and document registration count pattern



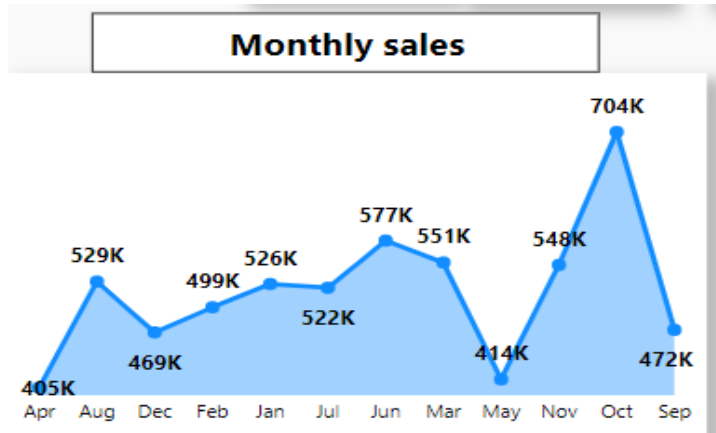
- E-stamps challan was introduced in year 2020 after the implementation of e-stamps there came a bit decrement in the number of document registration in FY 2021 & FY 2022
- In **FY 2021**, the count of document registration were **11 lakh (17.8%)** which was less than the count of e-stamps challans. The count of e-stamps challans were **11.74 lakh (19%)**
- In **FY 2022**, the count of document registration were **12 lakh (19.5%)** which was less than the count of e-stamps challans. The count of e-stamps challans were **12.55 lakh (20%)**

Districts into three segments based on their stamp registration revenue generation during the fiscal year 2021 to 2022.

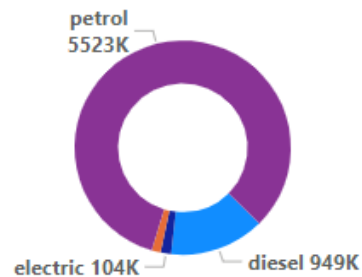


- The total number of registration of e-stamps challans was around **10 lakh** and the revenue generated from e-stamps registration was **Rs . 8600 crore** in FY 2021-22
- E-stamps registration revenue generation was **highest** in **Rangareddy** with **Rs. 3200 crore** contribution, **Medchal Malkajgiri** and **Hyderabad** districts of Telangana occupies the 2nd & 3rd place
- Revenue contribution was **lowest** in the **kurumbheem asifabad** districts. It was **Rs. 5.8 Crore**.
- In **Q4** of FY 2021-22 the revenue generated was highest. It was **Rs. 3000 crore** which was **15%** more than the previous quarter.

Between **vehicle sales and specific months or seasons** in different districts. Are there any months or seasons that consistently show **higher or lower sales rate**, and if yes, what could be the **driving factors**



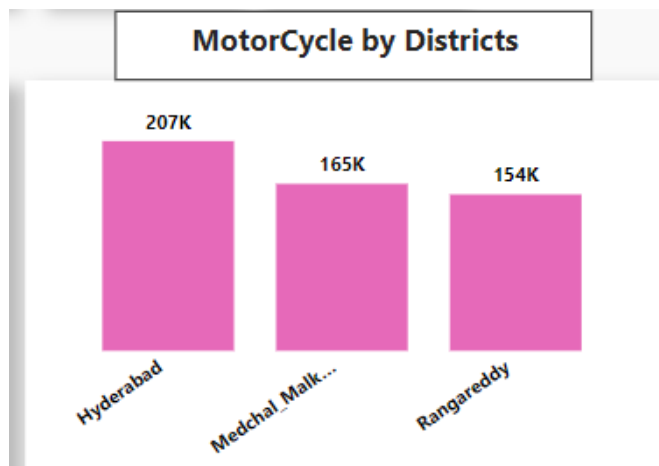
Driving Factor



- The vehicle industry has some definite seasonal trends, with **peak** demand occurs in **August, October and November** and **lowest** sales in **April** and **May** in Telangana.
- Vehicle dealers often experience difficulty selling inventory during the summer months.
- Mostly people preference for fuel type was **for petrol**, around **82%**.

Distribution of vehicles vary by **vehicle class** across different districts? Are there any districts with a predominant preference for a **specific vehicle class**? Consider FY 2022 for analysis.

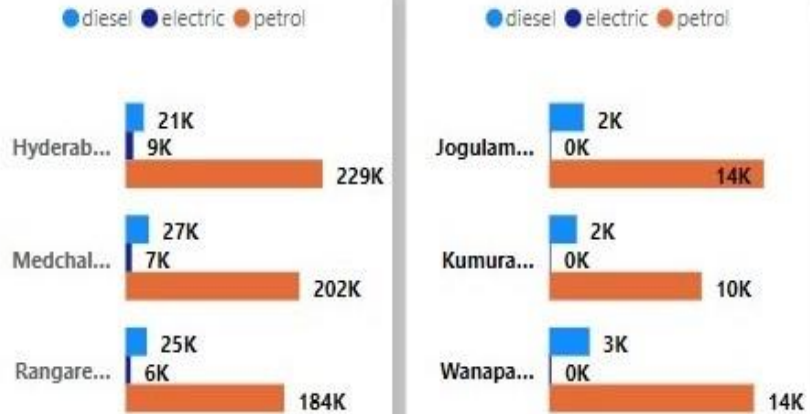
Vehicles across Districts				
district	Agriculture	AutoRickshaw	MotorCar	MotorCycle
Hyderabad	84	35990	196428	854183
Medchal_Malkajgiri	1616	115	232514	686735
Rangareddy	1699	104	254022	598298
Sangareddy	6562	11024	52080	186260
Nizamabad	8373	5224	24764	184706
Warangal	8157	4778	24407	166957
Nalgonda	15330	6455	20825	163909
Total	195714	135145	1036430	4809987



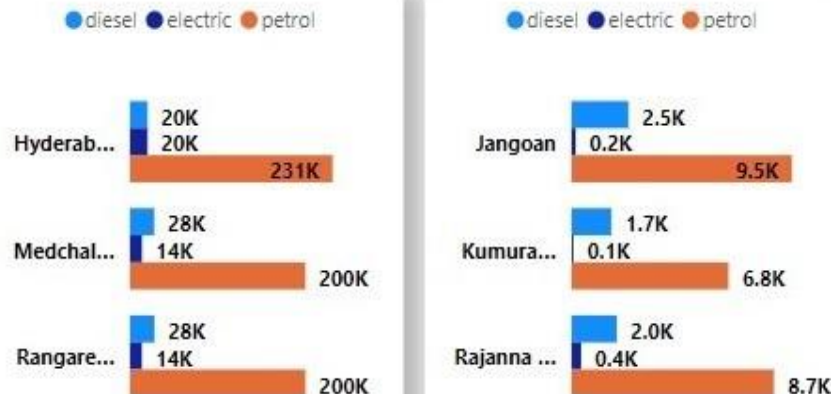
- According to data Motorcycle and motorcar combined over **85%**.
- While **3%** of Agriculture and remaining **12%** made up for Auto Rickshaw.
- **Hyderabad, Madchal Malkajgiri and Rangareddy** districts have a predominant preference for **Motorcycle**.
- In **FY 2022** Hyderabad, Madchal Malkajgiri and Rangareddy together have **46%** of total number of motorcycle

List down the **top 3** and **bottom 3** districts that have shown the **highest** and **lowest** vehicle sales growth during FY 2022 compared to FY 2021

Top & Bottom 3 Districts by Fuel Type in 2021

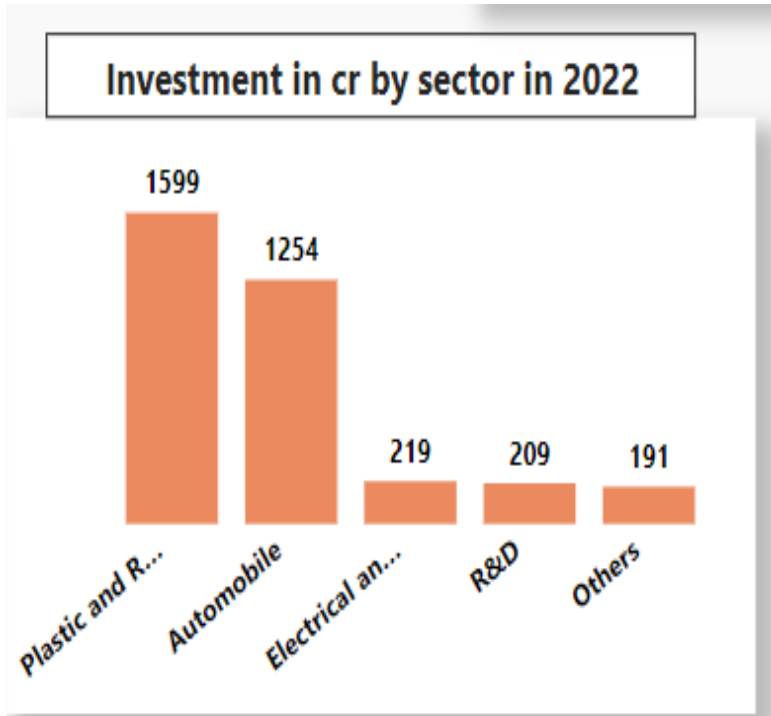


Top & Bottom 3 Districts by Fuel Type in 2022



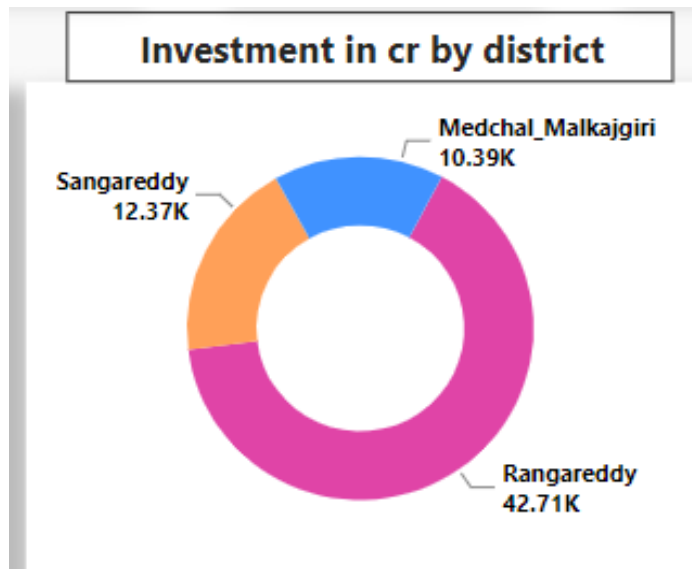
- In FY 2021 and 2022 the total number of vehicle sold together were 20 lakh.
- In 2021 the sales of vehicles was 52.2% while in 2022 it was about 48.8%.

List down the **top 5 sectors** that have witnessed the most significant investments in FY 2022



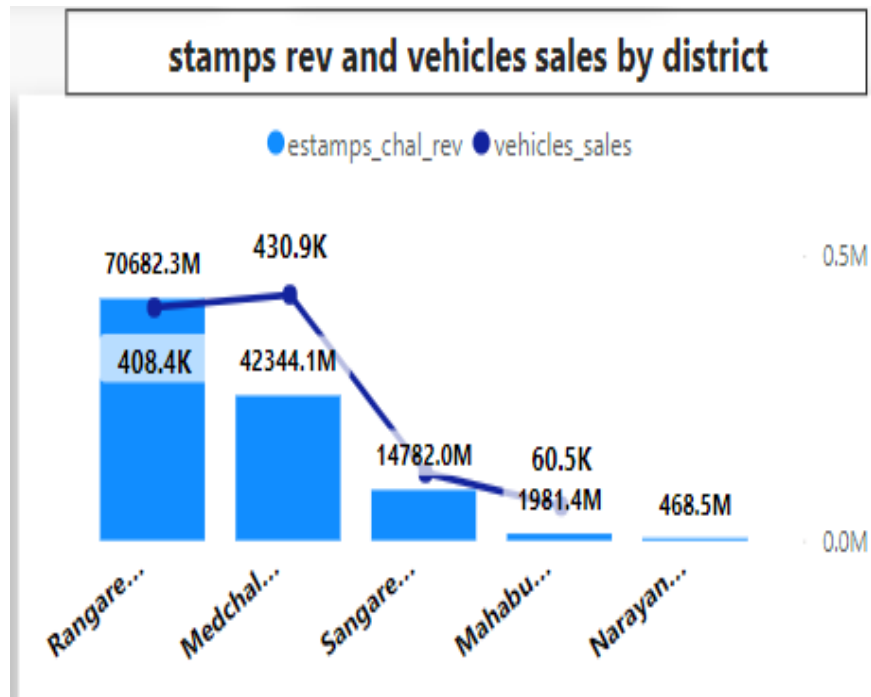
- Plastic and rubber
- Automobile
- Electrical and Electronic products
- R&D
- Other

List down the **top 3 districts** that have attracted the most significant sector investments during FY 2019 to 2022? What factors could have led to the substantial investments in these particular districts



- Top 3 districts are **Rangareddy, Medchal Malkajgiri and sangareddy.**
- Rangareddy, Medchal Malkajgiri and sangareddy districts together have **67.1%.**
- Rangareddy alone got **43.77%** while sangareddy got **12.68%** of total investment.
- Several Factors that **led to the substantial investments** in these districts are-
- Government Policies and Incentives
- Connectivity and Logistics
- Geographical Location

Relationship between **district investments, vehicles sales** and **stamps revenue** within the same district between FY 2021 and 2022?

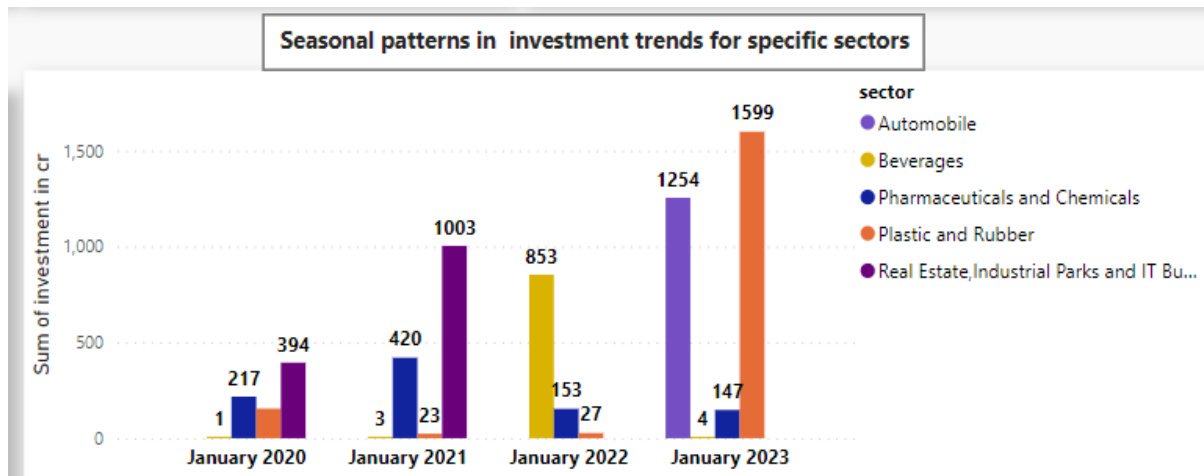


- We can clearly see in the visual that the district were investment high, stamp revenue and vehicle sales are also high.
- **Rangareddy** district attracted the high investment, so stamp revenue and vehicle sales are **high**.
- **Medchal Malkajgiri** occupies the 2nd place.

Sectors that have shown **substantial investment** in multiple districts between FY 2021 and 2022?

- Plastic and rubber
- Automobile
- Beverages
- Pharmaceuticals and chemicals

Seasonal **patterns** or cyclicity in the **investment trends** for specific sectors



- Plastic and rubber sector-

It can be influenced by industrial demand, consumer spending, and market dynamics, while there might not be specific months knows high investment.

- Real Estate and Construction-

The real estate and constructions sectors tend to be more active during months with favorable weather conditions.

- Automobile sector-

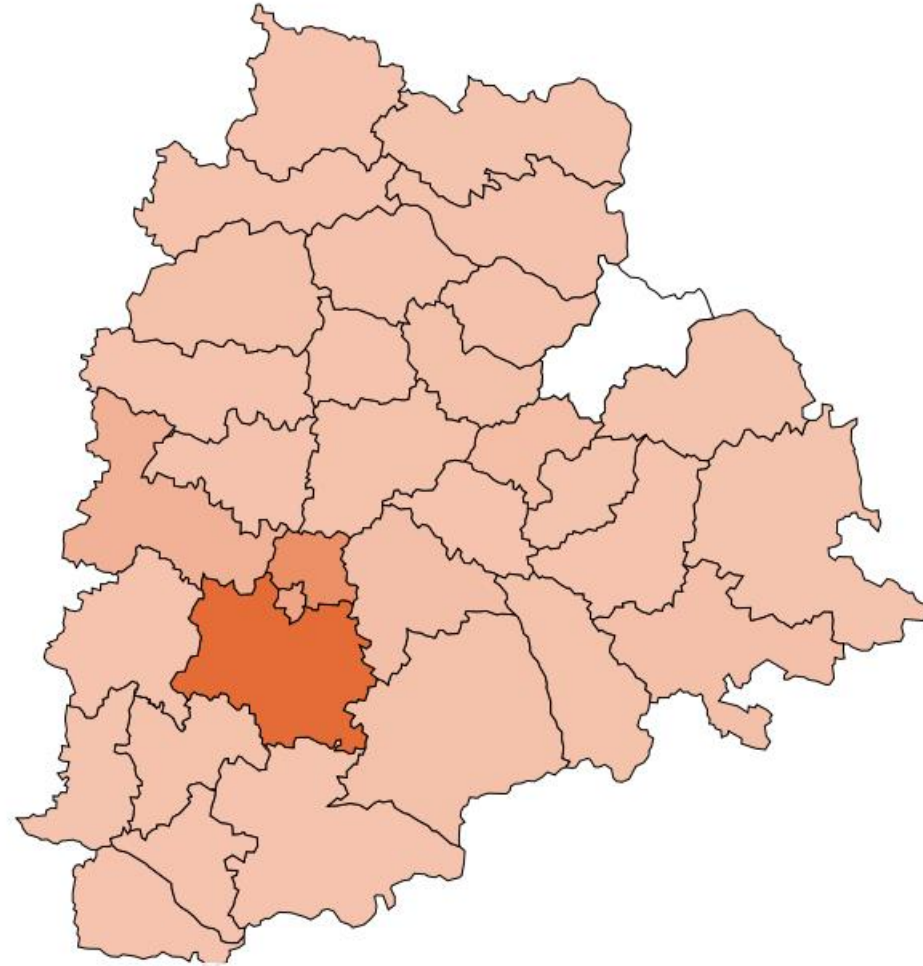
The automobile sector's investment pattern can be influenced by market trends, launches of new models, regulatory changes and economic conditions



Secondary Research



- Insights
- recommendations



Top 5 Districts

- Top 5 districts to buy commercial properties in Telangana are-
 - 1) Hyderabad
 - 2) Rangareddy
 - 3) Medchal malkajgiri
 - 4) Warangal urban
 - 5) Karimnagar

Policies or initiatives were put into effect to enhance economic growth, investments, and employment in Telangana by the **current government**

- Industrial policy
- T hub
- Mission Bhagiratha
- Telangana state industrial infrastructure corporation (TSIIC)
- Telangana state innovation cell (TSIC)

These policies and initiatives demonstrate the government's commitments to create a favorable business environment, attracting investments, promoting innovations and generating employment opportunities in Telangana

Top 5 Insights to Telangana government for sustained growth

1. **Investor confidence-** The effectiveness of TS-IPASS in attracting investment and promoting ease of doing business playing a crucial role in sustaining economic growth.
2. **Economic growth indicator-** Document registration revenue and e-stamp revenue generation serve as reliable indicators of the states economic health.
3. **Urbanization and infrastructure needs-** Vehicle sales provide insights into urbanization trends.
4. **Diversification of industries-** Analyzing TS-IPASS applications can reveal the sectors that are attracting investments, Diversification across industries such as technology, manufacture, healthcare and renewable energy.
5. **Digital Transformation-** The increasing use of digital platforms for documents registration and e-stamp issuance not only enhances revenue but also highlights the importance of digital transformation.

Top 5 recommendations to Telangana government for sustained growth

1. **Strengthen Regulatory framework-** Continue refining TS-IPASS by simplifying process reducing approval timelines and ensuring consistent enforcement.
2. **Data-Driven Decision-Making-** Leverage data analytics to track trends in document registration, e-stamp revenue and vehicle sales.
3. **Promote Innovation Ecosystems-** While TS-IPASS has been successful, promote innovation ecosystems through partnership with educational institutions, research centers and industry players .
4. **Sustainable urban planning** – As urbanization increases due to vehicle sales and economic growth, invest in sustainable urban planning.
5. **Environmental Responsibility-** Encourage the adoption of electric vehicles and renewable energy technologies , offer incentive for EV adoption, invest in charging infrastructures.

Thank You