Telangana Growth Analysis

Objective:

- Explore Stamp Registration, Transportation and Ts-Ipass Datasets.
  Understand their attributes, categories and time period.
- Analyze trends and patterns within each department.
- Identify growth opportunities and areas needing attention.
- Find correlation among these departments and report the overall growth of the state through insights and relevant visuals such as shape maps.

Primary Questions:

Stamp Registration

1. How does the revenue generated from document registration vary across districts in Telangana? List down the top 5 districts that showed the highest document registration revenue growth between FY 2019 and 2022.

2. How does the revenue generated from document registration compare to the revenue generated from e-stamp challans across districts? List down the top 5 districts where e-stamps revenue contributes significantly more to the revenue than the documents in FY 2022?

3. Is there any alteration of e-Stamp challan count and document registration count pattern since the implementation of e-Stamp challan? If so, what suggestions would you propose to the government?
   ** Use reference line for starting of E-Challan and do before after analysis

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

   **Use 33th and 66th quartile for segregation

Transportation

5. Investigate whether there is any correlation 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? (Consider Fuel-Type category only)

6. How does the distribution of vehicles vary by vehicle class (MotorCycle, MotorCar, AutoRickshaw, Agriculture) across different districts? Are there any districts with a predominant preference for a specific vehicle class? Consider FY 2022 for analysis.
   ** Small multiples can be used to analyze in single visual

7. 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? (Consider and compare categories: Petrol, Diesel and Electric)

Ts-Ipass (Telangana State Industrial Project Approval and Self Certification System)

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

9. 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?

10. Is there any relationship between district investments, vehicles sales and stamps revenue within the same district between FY 2021 and 2022?

11. Are there any particular sectors that have shown substantial investment in multiple districts between FY 2021 and 2022?

12. Can we identify any seasonal patterns or cyclicality in the investment trends for specific sectors? Do certain sectors experience higher investments during particular months?

What is the most and least sector that got investments? why?

Secondary Research: (Need additional research and get additional data)
Note: These are just examples, you can add more questions

1. What are the top 5 districts to buy commercial properties in Telangana? Justify your answer.

2. What significant policies or initiatives were put into effect to enhance economic growth, investments, and employment in Telangana by the current government? Can we quantify the impact of these policies using available data?

3. Provide top 5 Insights & 5 recommendations to Telangana government for sustained growth in the next 5 years based on your analysis.

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4. Do over the years employment generation in various sectors during FY2019-FY2022 and forecast the same for next 5 Years.

5. Is it possible to show change in % of transport related taxes in Telangana's GSDP? (Before v/s After analysis)

6. Which of the sectors will be most employment providing sectors in next 5-10 Years? (Can use Excel for forecasting)