MAPTUALIZE-D(ata)

"Mapping Data for Action"

Create a generic mapping application for the Analysis, Comparison, Interpretation and Knowledge Extraction, that has the ability to present the data obtained at the National, State, District, Block Level on a Generic Mapping Application like Google/Yahoo/ MapQuest, ArcGIS etc, along with ability to upload/export data in various formats CSV, XML and facilitate Year wise comparison and provision for links to further informations/ additional details/ metadata/ ontologies and comments.

The central theme behind this application is to represent the data normally available in tabular/ excel in a more interesting, insightful and meaningful ways.

For example, we always read/see the census data in a tabular format, which is exhaustive in nature, time consuming to go through them and tiresome to understand them in whole.
It will be more easier and meaningful if we could present the census demographic data - for example population, males, females etc, on mapping applications along with options to drill down to year wise, state/ district wise in a trend charts, along with color codes and Isodemographic Maps.

This application can be used for displaying various parameters, using various mapping techniques like Dot Distribution Maps, Heat maps, Proportional Symbols,Choropleth Maps starting from distribution of Temperatures, Rainfall, Drought conditions, Disease, Number/ Nature of Death, Educational Institutes, Doctors, Post Office, Petrol & Diesel Consumption to Resource Availability like Stations,Airport, Natural Resources revenue earned/ money spent by Government at each Block, District, State (Similar to GDP and GNP) and finally at the National Level, along with possible sub categories and cross-relationships.

For example, in the case of Petrol Consumption Data set on Diesel and Petrol will include the following sub categories. Year wise data set (Trend Chart) that includes Import, Export, (Bar Chart) Consumption categories like Government/ Public/ Private Transportation, Industries, Power Generation etc (Pie-Chart), along with Price and Tax (Central, State and other) Breakup and for money spent as % of GDP at National and State level (Proportional Symbols).

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If we could narrow/drill down the data set from the National level to each of the Block/District Level or vice versa that will provide substantial insights for both the Government and the Citizens to cater the needs that can be addressed/targeted at the right, timely and collective manner.

This is the way forward : *MAPTUALIZE the INDIAN BIG DATA !*