Intelligent data-visualization tool that projects Sustainable development goals of Telangana with statistical-evidences

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Telangana-state (TS) was recently emerged with new hopes and expectations from public and associated with various new generation socio-economic needs. Sustainable development is the essential need of the hour for the bright future of Telangana for which- building safe and affordable housing cum transport systems, supporting least developed areas in sustainable and resilient building, policies for resource efficiency and natural disaster risk-reduction, strong regional development planning that nourishes state's natural and cultural heritage, supporting livelihood by introducing various new age career options with respect to science and technology, safe and inclusive green infrastructure management and smart urbanization, along with the interests of regional public with respect to the actual living conditions, community desires and hopes for their future are to be kept in view to shape the sustainable Telangana.

For this, the aim is to collect data right from every major detail of the administrative corners like: natural resources management, industrial policies, emerging support of science and technologies and sustainability on immediate technologies -to- minute details like: area-wise facts, professional interests and needs of public, requirements for affordable quality education and health, etc. and to build an intelligent interactive animated data-visualization system with open-source technology that takes these well-defined inputs and projects the immediate and long term actions to consider for Sustainable development of Telangana with statistical evidences.

Building such intelligent data-visualization system/tool especially with larger high-dimensional data sets is actually a major part of the Data Scientist's jobs. Data is the power-house today. Python -a potential open source technology that can help to build interactive reports across platforms while processing and representing huge statistical data in visual format. Analytical style of research can be used for already available major data and descriptive research methods can be adopted in major parts of TS for further fact-findings with the help of public and volunteers. The proposed tool portrays the exact needs of geological areas and demands of the current public based on duly collected and processed data and suggests the actions to take along with the statistics of budgetary issues, policy matters, natural history of the places, etc. so that to present the desired results to any political leaders, common-public and non-technical clients in a clear, concise and compelling manner to make them to understand the steps to be taken for sustainable development of Telangana.

Key words: Science and Technology, Sustainable Development, Telangana State, Open source, Interactive animations, Data Visualizations, Python.