

Big Data for Better Governance

What is the issue?

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- Collaborative federalism with focus on balanced regional development is a prime objective of the Niti Aayog.
- Effective use of big data analytics is called for, for making this developmental objective more meaningful.
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What is the need?

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- There is a notable information asymmetry at various administrative levels. $\ensuremath{\sc n}$
- This is evidently hampering the targeting of various government measures and keeps the outcomes largely undermined.
- There are entities that have outlived their utility and others that use outdated systems and processes. \n
- This has to be eliminated and existing legacy systems need to be analysed with clear data points.
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- The UN, by a resolution on official statistics, expects India to produce quality statistics.

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- The purpose is to shed enough light on the true picture of material and human resources and the needs and demands of the societies. \n

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What should be done?

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- Data Statistics must be offered as a public good for the government, enterprises and the general public.
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- The big data analytic centres do have micro data, geo-coded, along with tools for extraction of relevant information.
- There has to be a quantitative analysis on all these. $\ensuremath{\sc n}$
- There is also the need for devising a formula for aggregation of data to enforce a code of practice. \n
- Area of focus Health, education and demography are the significant and demanding areas in this regard.

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• Web-based reporting for timely collection, collation and dissemination should be taken up.

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- Segregating the data under different socio-economic heads would facilitate making appropriate response for concerns in each of them. \n
- Localisation Data at the district level would enable understanding the true picture at the ground level.
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- The impact of developmental schemes gets captured at the smallest administrative level.

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- This would be supportive for better implementation of policy initiatves and making course corrections. γn
- **Organisation** Establishing such a massive data pipeline is indeed highly challenging.

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• It should thus be ensured that data once captured are handled in an organised fashion.

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- These are essential for making the developmental initiatives meaningful. $\ensuremath{\sc n}$

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Source: Business Standard

