



## 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.
- 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- There are entities that have outlived their utility and others that use outdated systems and processes.
- This has to be eliminated and existing legacy systems need to be analysed with clear data points.
- The UN, by a resolution on official statistics, expects India to produce quality statistics.
- The purpose is to shed enough light on the true picture of material and human resources and the needs and demands of the societies.

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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.
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  - There has to be a quantitative analysis on all these.
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  - There is also the need for devising a formula for aggregation of data to enforce a code of practice.
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  - **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.
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  - **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 initiatives and making course corrections.
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  - **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.
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**Source: Business Standard**

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**IAS PARLIAMENT**

*Information is Empowering*

A Shankar IAS Academy Initiative