

# **Governing** an IDEAL tool to help

Ideal-Analytics is a suite of software tools to glean information and therefore knowledge, from raw data. Self-service, real-time, on-demand ad-hoc analysis and high performance exploration functionality with plug-ability, scalability & security, available in both SaaS and on-premise model Governing is a serving and ruling act done through monitoring, managing, creating projects and allocating resources to meet the needs of Development- the associated and equally important task is to maintain the base and augment the desired points. Measurement of these is done through devising measures and metrics available from the data and following the change of these metrics. Governing is therefore done through data management.

Data is continuously being captured, categorized, processed, interpreted and presented for the comprehension of anyone and everyone, i.e. for public consumption,

Interpreting data means collating the data in various ways in terms of many dimensions and through many filters and presenting the data in comparison with previous periods, finding out the trend, the rate of change and thus extrapolate the data to forecast the expected result in the feature, then wait for the actual time to come, find out the variance, put back the error in the extrapolation and correct the trend, then again forecast for the future, and the cycle continues thus mitigating the variance and figure out the trajectory of change.

Predictive trend extrapolation is a required act to plan for eventualities, devise alternatives, so as to avert possible dangers through pro-active measures. Data analysis is the only tool that can take us there. While Data processing give us the current picture and the historical picture till present, data analysis takes us to the future and puts us in the realm of pro-active measures.

Data attains meaning in congregation or in meaningful sets. Creating meaningful set is the job of the Business Analyst. Data processing with formulae, linking the history to the present, finding out the in-built trend or rates of changes and the rates of the rates of changes and setting them in appropriate polynomials help us to surmise the future of individuals in groups, groups in perspectives, i.e in view of one or more dimensions and then conceptualizing as a whole needs very high mathematical exercise and acumen.

Less the error, more accurate would be the allocation and budgeting. Mitigating the difference actually measures the rates along with the limitations of those rates with inherent pitfalls in trying to change the rates- we call the Elasticity of one factor with respect to the other- poising the limiting factor, the speed of the change and duration time of efficacy of a project. A project therefore can only attain its meaning in its real lifetime that can only be speculated at the beginning but can be concretized in due course and the pattern within the life-cycle of the project is known.

Data has its own life-cycle within which it might mean reality. Information is figured out by collating sets of data and finding out relationships within the set among the elements and outside the set across different sets of data. Information has its own life-cycle, that generally is the not the same as the life-cycle of the comprising data. There is a lag or a difference - this gap or lag analysis is the mainstay of policy points where judicious decisions need be taken for a smoother running of government and administration. Governance is thus administration with new creation, creation with new development in mind, development under policy perspectives, and policy perspectives that are proposed to the public as achievements or failures of the government.

All the above acts needs extensive data capturing and intensive data mining to find out the progression that is the present VALUE. Any change of that is VALUE-ADDITION- this is how government makes a difference. Governance therefore is data building more than mere data engineering or data administration.

Enterprise level data handling gives the unified level of data administration capability of the static picture. Data warehouse and data marts are basic building blocks of such endeavours. Data management is the most efficacious way to storing, maintaining, making library-ing toward fast and easy data retrieval.

Data Analysis however is the mathematical help needed to impart meaning of the across the time scale toward a designed data perspective. Data Analytics is the first step to DATA DESIGN towards imparting meaning.

An effective tool would be an assistor that would offer solutions in black boxes doing the most advanced processing through most rigorous and deep calculations beyond the capability of individuals of even groups and yet provide a helping window to the business user- an agent that would take off the pains and the onus and provide them the output they want - instantly, assuredly, trustworthily, authentically and with flawless repetition. And yet it would reflect the effect of every small change in the raw input data. That is the IDEAL solution of the requirement that might be appropriate not only for the point-in-time but for a somewhat and reasonably long time.

IDEAL-ANALYTICS took these as requirement parameters before designing. The development was painstaking and in every step went back to the business analyst community of specific industries and across many industries for feedback, inputs and changes in parameters. After many simulations an IDEAL solution is what we came up with -- Still open, still smart in incorporation, still slick, still fast in accepting instantaneous data changes, still on-demand formulae building in the most intuitive way. The self-serving feature of the tool along with the capacity to connect unrelated data sets and setting cross relationships across datasets has set the tool apart from its competition.

### Governance now is empowered with the Freedom offered by IDIAL-ANALYTICS.

# idealanalytics Analytics On-Demand

www.ideal-analytics.com

Self-service, real-time, on-demand ad-hoc analysis and high performance exploration functionality with plug-ability, scalability & security, available in both SaaS and on-premise model



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