Indo-US Workshop on
Large Scale Data Analytics and Intelligent Services
Sponsored by Indo-US Science & Technology Forum

December 18-20, 2011
Indian Institute of Science, Bangalore
A True Collaborative Effort

India and US Governments

Universities in USA

Indian Universities

Global Industry and Service Providers
OBJECTIVE

- To explore and exploit the magnificent opportunities provided by large scale data analytics in enabling creative services for the Government, Industry, and Society

- To work on intellectually challenging and practically significant problems which require the complementary talents of Indian and US research teams from the universities and the industry

- To set up a well defined collaborative framework to exploit the synergy in the best possible way
OUTLINE

Four Broad Themes

- Sunday Forenoon: Enterprise and Business Analytics
- Sunday Afternoon: Healthcare and Life Sciences
- Monday Forenoon: Web and Social Analytics
- Monday Afternoon: Societal Analytics (Education, Learning Technologies, Climate, Food, etc.)
- Tuesday: Breakout Sessions and Action Plan
Session Organization

Short, sharp, and crisp talks followed by interactive discussions highlighting

- Need (Industry, Users)
- Current Art (Universities, Research Labs)
- Intellectual Challenges
- Identifying “Problems” that are best solved only through collaborations and complementary talents
- Evolve a meaningful collaborative R&D agenda
Horizontals and Verticals

- **Horizontals:** machine learning, data mining, information retrieval and extraction, social network analysis, recommender systems, and operations research

- **Verticals:** Enterprise and Business Services, Bench to Bed Services (Healthcare and Life Sciences), Societal Applications such as education, climate, food, etc.
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