

# Insight Bigdata Management Modeling for Business Virtualization

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## Abstract

Bigdata design, development and implementation are emerging need of today's Business Virtualization and future world strongly depend on this emerging and needful technology of Bigdata and Bigdata management to generate BIS dash-boards front of business decision makers using business analytics as we discussed with the help of two models in this paper [1-6].

**Keywords:** Bigdata; Bigdata management; Hadoop; Business virtualization

## Modeling

### Bigdata Design Line Model

This is our first developed model related to Bigdata and Business virtualization. This model has expansion through design line from Bigdata Analysis to Bigdata Designing and Bigdata Designing to Bigdata Development with their respective designing essentials and functions. At stage one Bigdata analysis fundamental considerations are Corporate Opportunities, Environments,

function, data needs. At stage two Bigdata designing is Advance Bigdata Engineering tools to fulfill requirements using Hadoop or other one and at the stage three Bigdata development we need to Advance Business Interface, data streaming, quick response time for Business Virtualization (VB). These are the few which I covered likewise several facts and figures need to gather and revised timely to keep update in Bigdata technologies and Business virtualization, but most common for all covered on model (Figure 1).

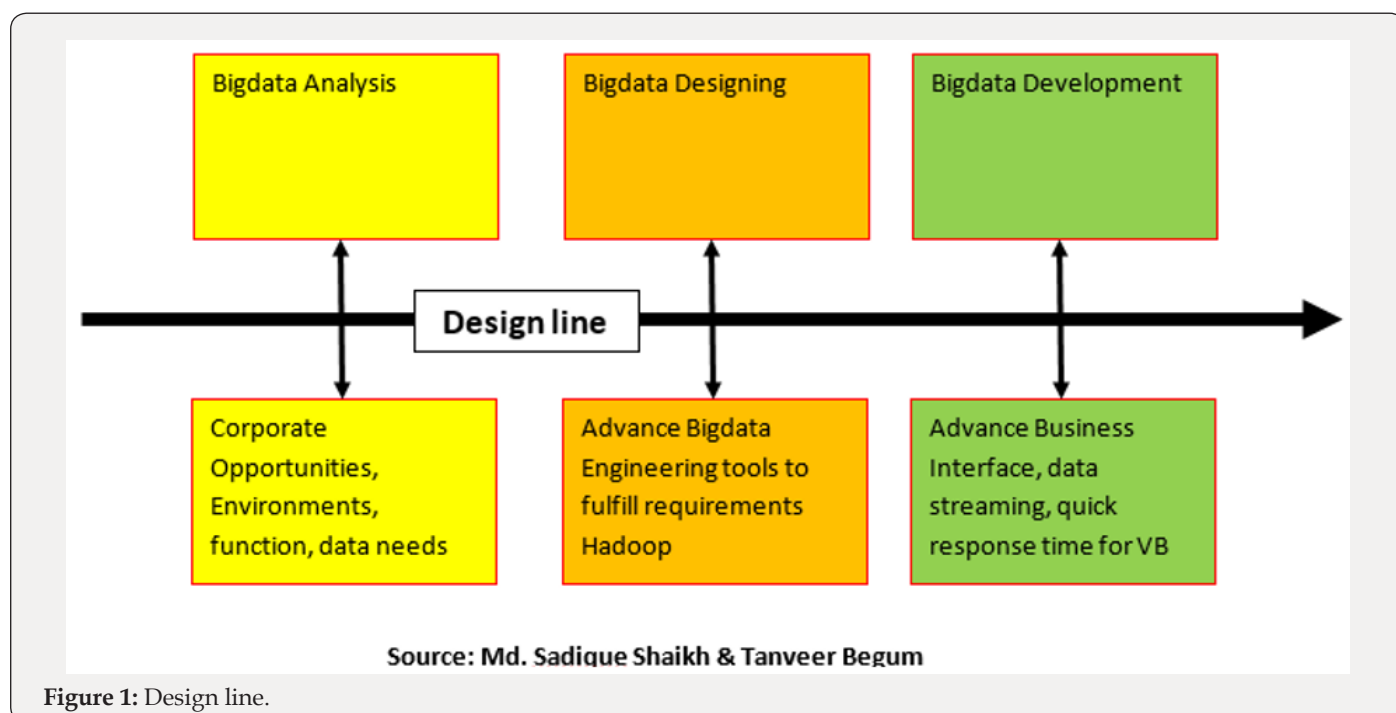
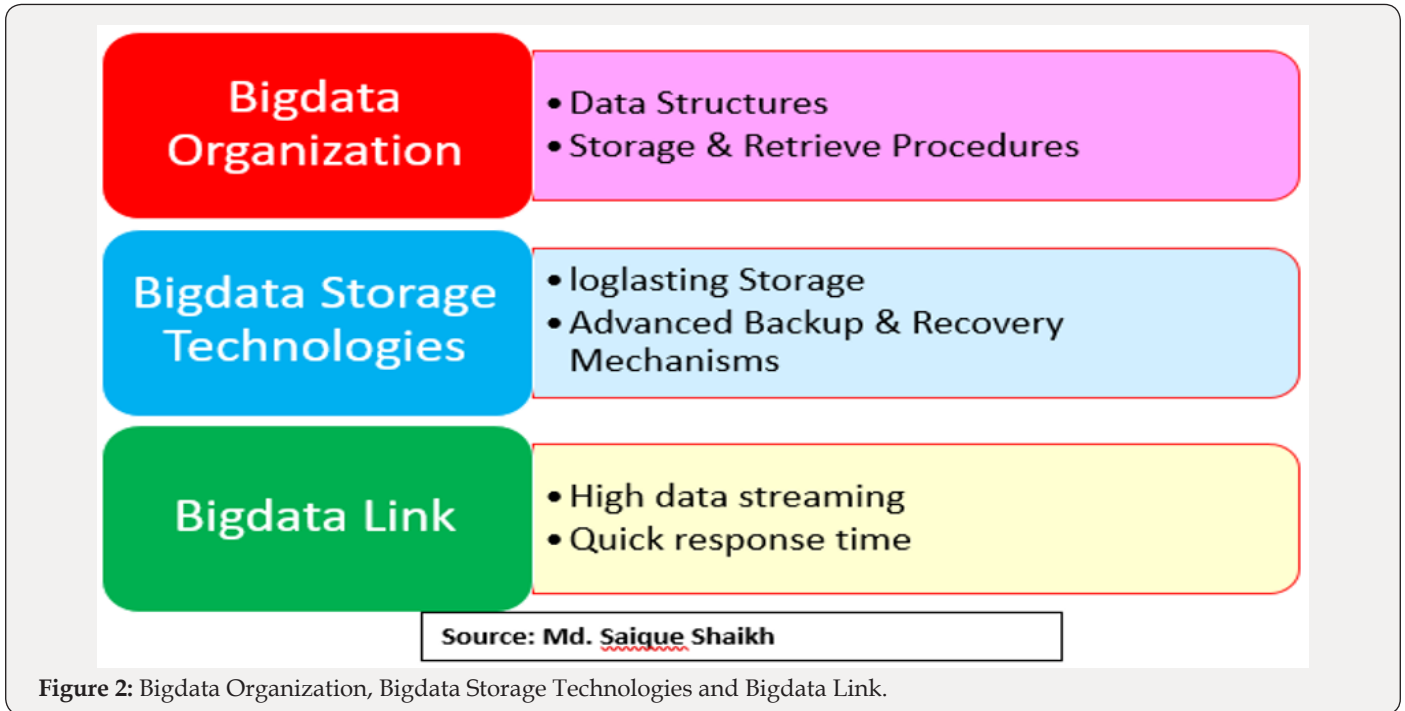


Figure 1: Design line.

### 3B Models of Bigdata Engineering

This is second important model which purely discussed to Bigdata engineering requirements considering three most important factors which are Bigdata Organization, Bigdata Storage Technologies and Bigdata Link. The first one important factor Bigdata Organization concern to innovative data structures,

storage technologies-media and procedures to retrieve engineering whereas Second parameter Bigdata Storage Technologies engage to design long-lasting Storage, Advanced Backup & Recovery Mechanisms. The third important criterion is Bigdata Link where engineering must need to carry on High data streaming and Quick response time (Figure 2).



### Conclusion

We had developed two models for better understanding with Bigdata and Business Virtualization labeled as Bigdata Design Line Model and 3B Model of Bigdata Engineering. Through these models we focused on engineering aspects of Bigdata as well as discuss essential of its like to compete in this environment, broadband operators are trying to implement Big Data projects that give them new insights into their network and subscribers. Operators have many disparate systems that send bits of information into the Telco’s data mart, but the data is fragmented and not very granular.

Operators often have probes deployed in their networks, but most focus on signaling information and they lack KPIs on the actual broadband experience delivered to the subscriber - resulting in customer complaints of a slow network and the operator responding that their network is up, so it can’t be their problem. These systems are not integrated into the OSS/BSS and do not perform subscriber correlation in real-time, losing opportunities to proactively deliver targeted offers and rectify problems before a subscriber realizes that there is an issue on the network. Operators

are also looking to monetize their subscriber usage data externally, but they often lack the granularity and correlation of that data to maximize the value to external audiences like enterprises, retail, or advertising companies.

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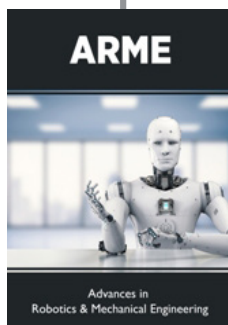
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