Highly Available And Scalable Big Data Search

**BUSINESS REQUIREMENT**
- Enable Quick search on huge volume of data
- Efficient Near Real Time (NRT) data search capabilities.
- Capability of Faceted search / Full text search.

**OUR SOLUTIONS**
- Data ingestion into Hadoop and storage into NoSQL Columnar Database HBase.
- Happiest Mind’s innovation : Index (controlled by HBASE co-processor) data into Search Cluster (ElasticSearch).

**IMPACT**
- Fast and scalable processing of source feeds
- Flexibility and ease of search on source feeds.
- Real time indexing of modified data.

**Source**
- Structured Data feed + Unstructured Logs

**Processing**
- HDFS
- HBase Cluster
- Elastic Search Cluster

**Search Interface**

Modified Search Query

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**About Happiest Minds Technologies**

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by leveraging a spectrum of disruptive technologies such as Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as “Born Digital . Born Agile”, our capabilities now span across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India, Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

To know more about our offerings, please write to us at business@happiestminds.com