The Hadoop market is expected to grow at a CAGR of 48 % during the forecast period

Hadoop provides an upper hand in storing and processing data, computing, low cost, flexibility and scalability.

HYDERABAD, TELANGANA, INDIA, September 14, 2018 /EINPresswire.com/ -- Apache [Hadoop](#) is an open source framework which allows processing of large data sets using simple programming model. It is developed by Apache Software Foundation to provide high performance and cost effective analysis of [Big data](#) generated by enterprises through digital platform.
Enterprises use Hadoop open source platform to store, process and analyze Big data. Hadoop is intended to scale up from single server to thousand machines, each offering neighborhood calculation and capacity. It provides superior benefits in terms of cost and scalability when compared with the traditional database management system.

Companies use Hadoop for their own big data application or offer Hadoop as a service to their customers. Enterprises which incorporate data center to support Hadoop face challenges such as gap in technical expertise, processing time, security and control, cost and infrastructure. The technical requirement for Hadoop is unique. Enterprises can provide training to in-house technical experts, build their own infrastructure, or hire services of vendors providing solutions.

Realizing the benefits of Big data, enterprises are focusing on tapping and analyzing the data generated by digital platforms through Hadoop. Hadoop provides an upper hand in storing and processing data, computing, low cost, flexibility and scalability. Hadoop can be used in analyzing life threatening risks, identifying security warnings and breaches, prevent hardware failure, gaining insights from log files and so on, all these can be achieved by processing through four core modules, namely Hadoop common, HDFS, YARN and MapReduce. Hadoop has widespread applications in the banking, healthcare, securities, transportation, and energy sectors.

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Big Data Integrator (BDI) is an integrated platform funded by the European Union's Horizon 2020. It provides an open source platform that can be easily deployed and customized to build Big data pipelines and address open ended challenges. It offers the basic building blocks such as Apache spark and HDFS to get started with big data technologies.
Big Data Integrator platform is also being projected as Apache Incubator where access to Apache Software Foundation (ASF) is given and is the data base for open souce projects and provides initiatives that cover wide range of technologies. . BigDataOcean, SPECIAL, and NextGEOSS are some of the upcoming projects under Big Data Europe. These projects will open up new avenues for the technology adapters and enterprises.
Technology service providers such as Oracle, IBM, and Intel provide their own distributions by bundling up with Hadoop distribution with custom developed systems. Cloudera, Hortonworks, MapR are a few distros which can work parallely on the Hadoop platform. Other vendors such as Microsoft HDINSIGHT, IBM InfoSphere BigInsight, Teradata SQL-H and Pivotal Greenplum are building their capability to catch up with these Distros.
According to a report by MapR Technologies, the use of MapR and Hadoop in the Indian biometric identity system (Aadhaar) enables the verification of a person's identity within 200 milliseconds.

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Apache Software Foundation generated revenue of $3.1m in the fiscal year ended 2018 it is expected to grow from $1.23m to $1.29m during the period 2018–2023. The survey of Transforming Data with Information (TWDI) mentioned that out of 100 surveyed companies, 46% of them are using Hadoop data ware house extension, 46% data exploration and discovery, 39% data ware housing and integration, 36% data lake, 36% achieving nontraditional data and 33% advance data analytics.

Hadoop Market report is segmented as indicated below:
1. Hadoop Market – By Component
1.1. Introduction
1.2. Hadoop Solutions
1.2.1. Data Management
1.2.2. Data Integration
1.2.3. Analytic Databases
1.3. Hadoop Services
1.3.1. Consulting
1.3.2. Admin
1.3.3. Training
1.3.4. Others

2. Hadoop Market – By Deployment
2.1. Introduction
2.2. On Premises
2.3. On Cloud
2.4. Hybrid

3. Hadoop Market – By Usage
3.1. Introduction
3.2. Single Usage Platform
3.3. Multi-Purpose Platform

4. Hadoop Market – By Operation Mode
4.1.   Local/Standalone Mode
4.2.   Pseudo Distributed Mode
4.3.   Fully Distributed Mode

5. Hadoop Market – By Storage
5.1. S3 Cloud storage
5.2. Hadoop Distributed File System (HDFS)
5.3. Hadoop Data Lake

6. Hadoop Market – By Associated Tools
6.1. Flume
6.2. HBase
6.3. Oozie
6.4. Hive
6.5. Pheonix
6.6. Pig
6.7. Sqoop
6.8. Zoo Keeper

7. Hadoop Market – By Application
7.1. Banking and Securities
7.2. Health care
7.3. Education
7.4. Manufacturing and Natural Resources
7.5. Transportation
7.6. Energy Utilities
7.7. Machine Learning
7.8. Agriculture and Weather
7.9. Streaming Process
7.10. Customer Analytics

8. Hadoop Market – By Market Entropy
9. Hadoop Market – By Geography

Companies Cited/Interviewed/Referenced
SAS
Cloudera Inc
Hortonworks
EMC
Cisco systems Inc
Teradata
IBM
Karmasphere Inc
MapR Technologies Inc
Twitter
Facebook
Apple
ebay
Yahoo
Company 20+

Related Reports:

A. Cloud Integration Market
https://industryarc.com/Report/15274/cloud-integration-market.html

B. Cloud Billing Market
https://industryarc.com/Report/16303/cloud-billing-market.html

What can you expect from the report?
The Hadoop Market Report is Prepared with the Main Agenda to Cover the following 20 points:

1. Market Size by Product Categories
2. Market trends
3. Manufacturer Landscape
4. Distributor Landscape
5. Pricing Analysis
6. Top 10 End user Analysis
7. Product Benchmarking
8. Product Developments
9. Mergers & Acquisition Analysis
10. Patent Analysis
11. Demand Analysis (By Revenue & Volume)
12. Country level Analysis (15+)
13. Competitor Analysis

14. Market Shares Analysis
15. Value Chain Analysis
16. Supply Chain Analysis
17. Strategic Analysis
18. Current & Future Market Landscape Analysis
19. Opportunity Analysis
20. Revenue and Volume Analysis

Frequently Asked Questions:

Q. Does IndustryARC publish country, or application based reports in Hadoop Market?
Response: Yes, we do have separate reports and database as mentioned below:

1. North America Hadoop Market (2018-2023)
2. South America Hadoop Market (2018-2023)
3. Europe Hadoop Market (2018-2023)
4. Asia Pacific Hadoop Market (2018-2023)
5. Middle East and Africa Hadoop Market (2018-2023)
6. Data Management Solutions in Hadoop Market (2018-2023)
7. On Cloud Hadoop Market (2018-2023)
8. Single Usage Platform Hadoop Market (2018-2023)
9. Pseudo Distributed Mode Hadoop Market (2018-2023)
10. Oozie tool Hadoop Market (2018-2023)

Q. Does IndustryARC provide customized reports and charge additionally for limited customization?
Response: Yes, we can customize the report by extracting data from our database of reports and annual subscription databases. We can provide the following free customization

1. Increase the level of data in application or end user industry.
2. Increase the number of countries in geography or product chapter.
3. Find out market shares for other smaller companies or companies which are of interest to you.
4. Company profiles can be requested based on your interest.
5. Patent analysis, pricing, product analysis, product benchmarking, value and supply chain analysis can be requested for a country or end use segment.

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