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Hadoop Projects grants storage platform in business infrastructure.

We assist research Scholars in implementing **Hadoop Projects** with best Customer Support. For more details contact us: +91 9790238391.

Goal:

- High scalability.
- Fault-Tolerance.
- Move Computation.
- Use Commodity.
- Abstract and facilitate storage and processing of large data sets.

Software: Hadoop.

Requirements:

- **Platform:** Windows, Linux.
- **Additional languages & servers:** Java, Apache tomcat server, Glassfish server.

Hadoop:

- An open source software framework that supports data intensive distributed applications.
- Allows for the distributed processing of large data sets across clusters of commodity computers using a simple programming model.

Needs & Uses:

- Avoid Hardware failure.
- Streaming Data Access.
- Process Large data sets.

Hadoop Core Components:

- Hadoop Distributed File System (HDFS).
- Mapreduce.

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Link to **Hadoop Projects** :

<https://academiccollegeprojects.com/cse-projects/hadoop-projects>



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Applications:

- Searches.
- Security.
- Advertisement.

Sample Hadoop Projects Topics.

| Sl | IEEE Hadoop Project Titles. |
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| 1 | Enhancing security of Hadoop in a public cloud. |
| 2 | Efficient Prototyping of Fault Tolerant Map-Reduce Applications with Docker-Hadoop. |
| 3 | YARNsim: Simulating Hadoop YARN. |
| 4 | Counting occurrences of textual words in lecture video frames using Apache Hadoop Framework. |
| 5 | RFHOC: A Random-Forest Approach to Auto-Tuning Hadoop's Configuration. |
| 6 | Design consideration of Network Intrusion detection system using Hadoop and GPGPU. |
| 7 | Building block components to control a data rate in the Apache Hadoop compute platform. |
| 8 | Collaborative filtering recommendation algorithm based on Hadoop and Spark. |
| 9 | Hadoop Performance Modeling for Job Estimation and Resource Provisioning. |
| 10 | An approach for MapReduce based log analysis using Hadoop. |
| 11 | Self-Adjusting Slot Configurations for Homogeneous and Heterogeneous Hadoop Clusters. |
| 12 | Using Hadoop on the Mainframe: A Big Solution for the Challenges of Big Data. |
| 13 | Query Object Detection in Big Video Data on Hadoop Framework. |
| 14 | Big Data analysis using Computational Intelligence and Hadoop: A study. |
| 15 | A review of research on MapReduce scheduling algorithms in Hadoop. |
| 16 | AIR: Adaptive Index Replacement in Hadoop. |
| 17 | Job aware scheduling in Hadoop for heterogeneous cluster. |
| 18 | Big Data Analysis: Recommendation System with Hadoop Framework. |
| 19 | Personalized recommendation engine using HADOOP. |
| 20 | Anti-phishing using Hadoop-framework. |
| 21 | Design and Implementation of the Hadoop-Based Crawler for SaaS Service Discovery. |
| 22 | Video Selective Encryption Based on Hadoop Platform. |
| 23 | Performance comparison of parallel graph coloring algorithms on BSP model using hadoop. |
| 24 | Mammoth: Gearing Hadoop Towards Memory-Intensive MapReduce Applications. |

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| 25 | HFSP: Bringing Size-Based Scheduling To Hadoop. |
| 26 | Harp: Collective Communication on Hadoop. |
| 27 | Advanced Control Distributed Processing Architecture (ACDPA) using SDN and Hadoop for identifying the flow characteristics and setting the quality of service(QoS) in the network. |
| 28 | The performance evaluation of k-means by two MapReduce frameworks, Hadoop vs. Twister. |
| 29 | A scheme of structured data compression and query on Hadoop platform. |
| 30 | Finding the Big Data Sweet Spot: Towards Automatically Recommending Configurations for Hadoop Clusters on Docker Containers. |
| 31 | Extending Hadoop's Yarn Scheduler Load Simulator with a highly realistic network & traffic model. |
| 32 | Accelerating Machine Learning Kernel in Hadoop Using FPGAs. |
| 33 | A Hadoop-Based Framework for Large-Scale Landmine Detection Using Ubiquitous Big Satellite Imaging Data. |
| 34 | Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. |
| 35 | Application Performance Analysis of Distributed File Systems under Cloud Computing Environment. |
| 36 | BigDataDIRAC: Deploying Distributed Big Data Applications. |
| 37 | Cross-Layer Scheduling in Cloud Systems. |
| 38 | BeTL: MapReduce Checkpoint Tactics Beneath the Task Level. |
| 39 | Big Data service engine (BISE): Integration of Big Data technologies for human centric wellness data. |
| 40 | Enabling Large-Scale Biomolecular Conformation Search with Replica Exchange Statistical Temperature Molecular Dynamics (RESTMD) over HPC and Cloud Computing Resources. |
| 41 | Building a Distributed Generic Recommender Using Scalable Data Mining Library. |
| 42 | A survey on innovative approach for improvement in efficiency of caching technique for big data application. |
| 43 | Implementation of a Software-Defined Storage Service with Heterogeneous Storage Technologies. |
| 44 | COPAL — Cognitive personalized aid for learning. |
| 45 | Big data processing tuning in the cloud. |
| 46 | PRISM: Fine-Grained Resource-Aware Scheduling for MapReduce. |
| 47 | Secure authentication using biometric templates in Kerberos. |
| 48 | CodHoop: A system for optimizing big data processing. |
| 49 | Processing Cassandra Datasets with Hadoop-Streaming Based Approaches. |
| 50 | Stock market prediction using Hadoop Map-Reduce ecosystem. |