Mapreduce projects aid distributed processing of map and reduction operations. Mapreduce jobs split a large data set into independent chunks and organize into key. Speed and reliability in a cluster network is improved using Mapreduce Concepts. **Mapreduce** is a Programming paradigm which allows for massive scalability across lots of servers in a Hadoop cluster.

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

**Software:**

> ➤ **Java –** All Latest versions

> ➤ **Hadoop Server –** Latest version

> ➤ **Requirements:** Windows (7 , 8, 8.1)

**Goal:**

- Job Scheduling.

- Simplicity.

- Speed.

- Recovery.

- Minimal Data Motion.

- Scalability.

**Domain Area:**

- Cloud Computing.

- Parallel and Distributed Systems.

- Data Mining.

- Big Data.

- Hadoop.

**Applications:**

➢ Artificial Intelligence.

➢ Large Scale PDF Generation.

➢ Rackspace Log Querying.

➢ Distributed Grep.

➢ Statistical machine Translation.

**Steps involved in Mapreduce Projects:**

- Prepare the Map input.

- Run user provided map code.

- Shuffle map output to reduce processors.

- Run user provided reduces code.

- Produce final output.

Sample Mapreduce Projects Topics.

| SI | IEEE Map Reduce Project Titles. |
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| 1 | A New Approach to the Cloud-based Heterogeneous MapReduce Placement Problem. |
| 2 | The Packing Server for real-time scheduling of MapReduce workflows. |
| 3 | Impact of MapReduce Policies on Job Completion Reliability and Job Energy Consumption. |
| 4 | Cost-Effective Resource Provisioning for MapReduce in a Cloud. |
| 5 | High-Performance Biomedical Association Mining with MapReduce. |
| 6 | Making mapreduce scheduling effective in erasure-coded storage clusters. |
| 7 | Analysis of MapReduce scheduling and its improvements in cloud environment. |
| 8 | Virtual Shuffling for Efficient Data Movement in MapReduce. |
| 9 | Study on emerging implementations of MapReduce. |
| 10 | Exploiting Analytics Shipping with Virtualized MapReduce on HPC Backend Storage Servers. |
| 11 | Dynamic resource management in a MapReduce-style platform for fast data processing. |
| 12 | PRISM: Fine-Grained Resource-Aware Scheduling for MapReduce. |
| 13 | An Iterative MapReduce Based Frequent Subgraph Mining Algorithm. |
| 14 | HM: A Column-Oriented MapReduce System on Hybrid Storage. |
| 15 | Mammoth: Gearing Hadoop Towards Memory-Intensive MapReduce Applications. |
| 16 | BeTL: MapReduce Checkpoint Tactics Beneath the Task Level. |
| 17 | Towards Provenance-Based Anomaly Detection in MapReduce. |
| 18 | The performance evaluation of k-means by two MapReduce frameworks, Hadoop vs. Twister. |
| 19 | Image filtering with MapReduce in pseudo-distribution mode. |
| 20 | Efficient Similarity Join Based on Earth Mover's Distance Using MapReduce. |
| 21 | FiDoop: Parallel Mining of Frequent Itemsets Using MapReduce. |
| 22 | MrPhi: An Optimized MapReduce Framework on Intel Xeon Phi Coprocessors. |
| 23 | SpatialHadoop: A MapReduce framework for spatial data. |
| 24 | SHAHED: A MapReduce-based system for querying and visualizing spatio-temporal satellite data. |
| 25 | MapReduce implementation for minimum reduct using parallel genetic algorithm. |
| 26 | Proximity-Aware Local-Recoding Anonymization with MapReduce for Scalable Big Data Privacy Preservation in Cloud. |
| 27 | An approach for MapReduce based log analysis using Hadoop. |

| 28 | Parallel k-modes algorithm based on MapReduce. |
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| 29 | On Traffic-Aware Partition and Aggregation in MapReduce for Big Data Applications. |
| 30 | Solutions for Processing K Nearest Neighbor Joins for Massive Data on MapReduce. |
| 31 | MRDataCube: Data cube computation using MapReduce. |
| 32 | DyScale: a MapReduce Job Scheduler for Heterogeneous Multicore Processors. |
| 33 | Smart Cache: An Optimized MapReduce Implementation of Frequent Itemset Mining. |
| 34 | An Incremental and Distributed Inference Method for Large-Scale Ontologies Based on MapReduce Paradigm. |
| 35 | Eliminating the Redundancy in MapReduce-Based Entity Resolution. |
| 36 | A distributed SVM method based on the iterative MapReduce. |
| 37 | Modeling the Task of Google MapReduce Workload. |
| 38 | A demonstration of Shahed: A MapReduce-based system for querying and visualizing satellite data. |
| 39 | DREAMS: Dynamic resource allocation for MapReduce with data skew. |
| 40 | Groupwise analytics via adaptive MapReduce. |
| 41 | 3-D image analysis using MapReduce. |
| 42 | A review of research on MapReduce scheduling algorithms in Hadoop. |
| 43 | Preserving Privacy in MapReduce Based Clouds: Insight into Frameworks and Approaches. |
| 44 | Classification of multi-genomic data using MapReduce paradigm. |
| 45 | Dynamic Job Ordering and Slot Configurations for MapReduce Workloads. |
| 46 | Handling Big Data Efficiently by Using Map Reduce Technique. |
| 47 | Processing Cassandra Datasets with Hadoop-Streaming Based Approaches. |
| 48 | Hadoop Recognition of Biomedical Named Entity Using Conditional Random Fields. |
| 49 | A Parallel Matrix-Based Method for Computing Approximations in Incomplete Information Systems. |
| 50 | Performance modelling and analysis of mapreduce/hadoop workloads. |