

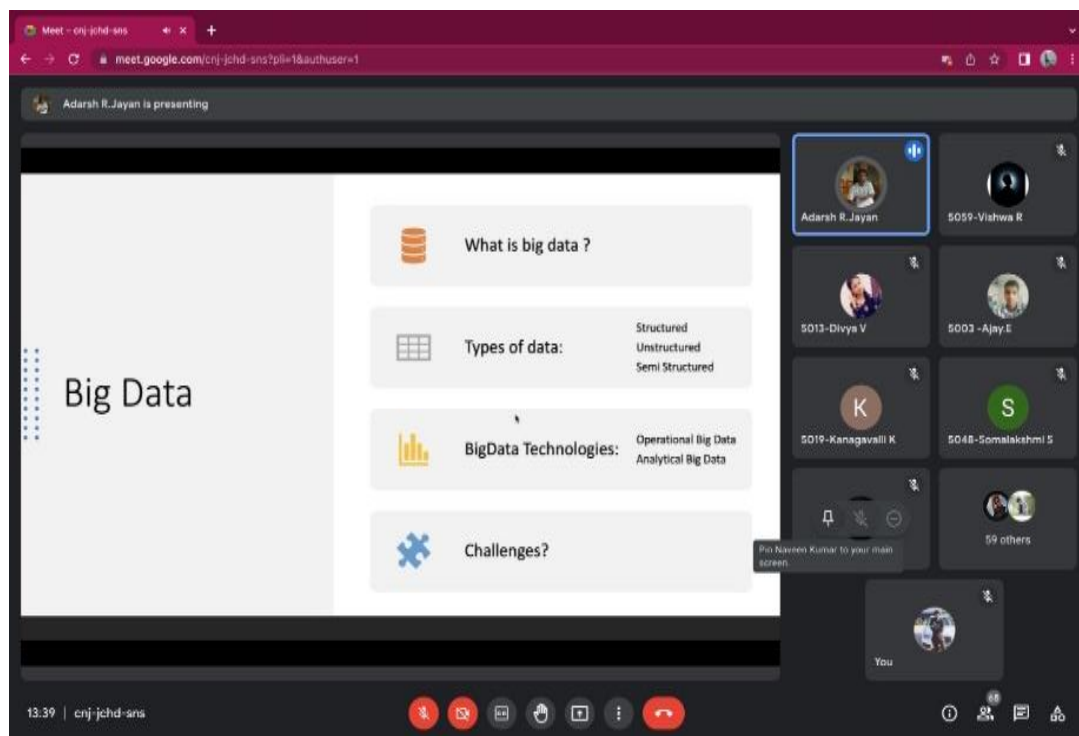
WEBINAR ON HADOOP AND MAP REDUCE PROGRAMMING MODEL

DATE : 08/04/2022

TIMING : 1:30PM – 2:30PM

RESOURCE PERSON: Mr. ADARSH R. JAYAN M.E (NIT NAGALAND)
SOFTWARE DEVELOPER ENGINEER,
BACK END CORE SERVICES, ZEE5, MUMBAI.

Department Of Information Technology organizes webinar on Hadoop and map reduce programming model. The webinar was attended by second and third year students and faculty members of IT .The aim of the session is to teach about “Hadoop and MapReduce Programming Model. The session started with prayer followed by the introduction of the resource person. He gave brief explanation on about Big Hadoop and map reduce programming model.



Meet - cnj-jchd-sns | Screen & Webcam recorder - | Screen Recorder Tool | Record | X | +

meet.google.com/cnj-jchd-sns?pli=1&authuser=1

Adarsh R. Jayan is presenting

The diagram illustrates the HDFS (Hadoop Distributed File System) architecture. On the left, a large grey arrow labeled 'HDFS' points towards the central components. In the center, there is a 'NameNode' box at the top, connected to five 'DataNode' boxes below it. Each 'DataNode' is connected to a 'Local Disk' box. The 'NameNode' is also connected to an 'HDFS Client' box on the left. The 'DataNodes' are arranged in a row, and the 'Local Disks' are arranged in a row below them. The 'HDFS Client' is connected to the 'NameNode' and the 'DataNodes'.

13:53 | cnj-jchd-sns

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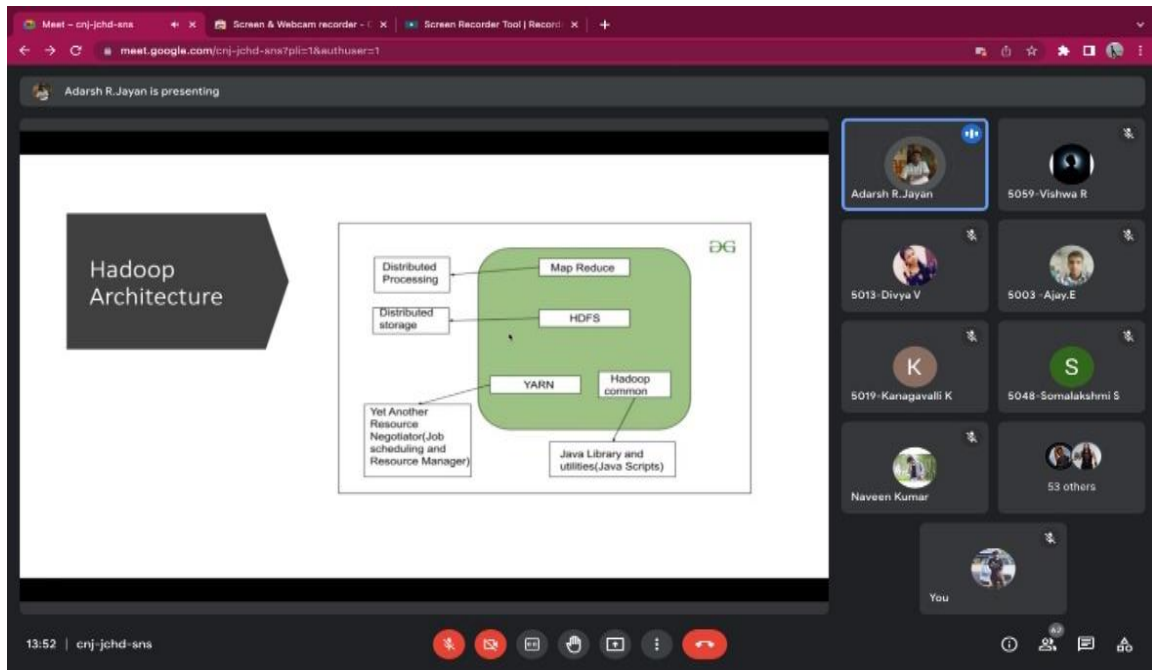
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Googles Solution (Map Reduce)

The diagram illustrates Google's MapReduce solution. It shows a flow from input to output. On the left, there are three input boxes: 'XBB', 'CBA', and 'XAC'. These are connected to three intermediate boxes: 'X,1', 'C,1', and 'X,1'. These intermediate boxes are then connected to three output boxes: 'A,1', 'B,1', and 'C,1'. The final output is a box labeled 'A,2', 'B,2', and 'C,2'. The diagram shows the flow of data from the input to the intermediate state and then to the final output.

50:10-Ranjith kumar has left the meeting

13:50 | cnj-jchd-sns



OUTCOMES :

- The key speaker explained about what is big data?
- The key speaker gave brief explanation about types of Big data.
- And then the resource person gave explain about big data technologies.
- The key speaker give brief note on explanation of traditional approach.
- The key speaker explained about modern approach.
- The resource person gave explain about Google solution map reduce with example.

- The key speaker explains about hadoop architecture with diagram.
- The resource person gave explain about Google solution map reduce with example.
- The key speaker explained about HDFC with example.
- And then finally the key speaker clarifies our doubts in Mini projects.
- The key speaker told more idea for our mini project and clarifies our doubts related to mini project and told some tips to develop a project with clear explanation.

The Session was most interesting and interacting and got a good feedback from the students. At the end of the session he answered all our queries.

We are immensely grateful to our principal and our Head of the Department for giving us this opportunity and we are thankful to the resource person who spends his valuable time with us by teaching in an interactive way.