

## **Instructional guide for writing a Hadoop Mini Lab Project Report**

- 1. Title Page.**

Include the project title, your group name, submission date, and instructor

- 2. Introduction**

Summarize the project's goal, an overview of Hadoop, and the specific problem being addressed

- 3. Prerequisites and Setup**

Detail hardware and software requirements, Hadoop installation, configuration, and cluster setup.

- 4. Data Description**

Describe the input data format, size, and location, along with how it's loaded into Hadoop.

- 5. MapReduce Job Overview**

Explain the MapReduce concept and the job implementation (Mapper, Reducer, and Driver classes).

- 6. Execution**

Describe how the job is run, including commands, job configurations, and any issues encountered.

- 7. Output and Analysis**

Discuss the output's format, provide samples, and validate the results.

- 8. Conclusion**

Summarize results, lessons learned, challenges faced, and potential future improvements.

- 9. References**

List any sources or documentation referenced during the project.

**Remember:** You must include Screenshot of each steps