A REPORT ON
Cloudera Quickstart For Hadoop

Date: 14th March, 2024
Venue: EB-804, Silver Oak University

Cloudera
Quickstart for Hadoop

Introduction:

Silver Oak University IEEE Student Branch in association with the Department of Computer Engineering, SOCET organized an insightful session titled "**Cloudera Quickstart for Hadoop**" aimed to provide attendees with a comprehensive understanding of Hadoop, a powerful tool for handling big data, and its significant components.

About the Speaker:

The event was conducted by our esteemed experts:
1. Prof. Bhoomi Jadav, Assistant Professor, Department of CE, SOCET
2. Prof. Diksha Singh Rajput, Assistant Professor, Department of CE, SOCET

About the Session:

Date: 14th March, 2024
Time: 04:00 PM - 05:30 PM
Venue: EB-804, Silver Oak University
Participants: 27

The event commenced with an exhilarating introduction, inviting participants to embark on a data-driven adventure to shape the future. Prof. Bhoomi Jadav began the first session, delving into the fundamentals of Hadoop. She elucidated the essence of Hadoop, outlining its major components and crucial terminologies. Through her expert insights, participants gained a profound understanding of the significant technology in managing vast datasets efficiently. Additionally, Prof. Jadav highlighted the essential software required for Hadoop, empowering attendees with the knowledge needed to delve deeper into this transformative technology.

Following this insightful session, the event seamlessly transitioned to the second segment, led by Prof. Diksha Singh Rajput. She provided the attendees with a practical demonstration by conducting a live introduction to the installation process of Oracle VM VirtualBox, a pivotal software for setting up Cloudera environments. This hands-on approach offered attendees a tangible experience, enabling them to grasp the installation process effectively.

Throughout the event, attendees actively engaged with the content, posing questions and exchanging ideas, thereby fostering a collaborative learning environment. The expertise and guidance provided by Prof. Bhoomi Jadav and Prof. Diksha Singh Rajput facilitated a comprehensive understanding of Hadoop and its practical implementation.

Conclusion:

In conclusion, the "Cloudera Quickstart for Hadoop" event proved to be a resounding success, igniting a passion for data-driven exploration among participants. Through the insightful sessions, attendees gained invaluable knowledge about Hadoop and its foundational components. The event not only provided a theoretical understanding but also offered a practical glimpse into cutting-edge technology.

This event was made possible by the unwavering mentorship and steadfast dedication of Dr. Satvik Khara, Dean, Diploma Engineering, SOU; Head, Department of Computer Engineering, SOCET; IEEE Senior Member; Chairperson, SIGHT, IEEE Gujarat Section; Secretary, Computer Society, IEEE Gujarat Section as well as Founding Member, Silver Oak University IEEE Student Branch.

Glimpses of the event:

Prof. Bhoomi Jadav introducing Cloudera Quickstart VM for Hadoop

Prof. Diksha Singh Rajput elaborating use of Hadoop for Big Data

Guiding participants on practical set-up of Hadoop VM

Group picture with all the attendees