



**SILVER OAK
UNIVERSITY**
EDUCATION TO INNOVATION



IEEE

**Silver Oak University
IEEE Student Branch**

A REPORT ON
One Week Training on Data Mining using J2EE

Date: 7th June, 2021

Place: Cisco WebEx

One Week Training on Data Mining using J2EE

Introduction:

The Department of Computer Engineering, Silver Oak College of Engineering & Technology, and Silver Oak University IEEE Student Branch has initiated a fifteen days Summer Internship Program to support the students academically and advance their technical skills to learn Advanced Java programming, Web Application Flow, two-tier and three-tier architecture Programming, NLP and a Mini Project to channelize their knowledge in production-level applications.

This Summer Internship program was exclusive for the students with 35 participants having taken part to get industry level training to advance their knowledge and learn more about the industrial applications.

About the Speaker:

Mr. Harshal Trivedi, Founder, and CEO of the Softvan Pvt. Ltd and has expertise in JAVA, Python, Machine Learning, Deep Learning, Artificial Intelligence, Cloud computing, and Big data.

About the session:

Day 1:

Date: 7th June 2021

Time: 1:30 PM to 3:00 PM IST

On the first day of the training, the students gained the knowledge of concepts of file writing. The session was further carried on with an explanation and introduction of other methods in java like delete, exists, get the absolute path, get name, getPath, etc. The students also learned the programs on how to implement these methods in java. At last, the students were given a small task on the implementation of these methods and concepts.

Day 2:

Date: 8th June 2021

Time: 1:30 PM to 3:00 PM IST

On the second day of the training, Mr. Harshal Trivedi briefed about AWS S3 Console Management and its uses. He explained in detail how to upload and manage files in S3. Concluding the session he gave a small live task on S3 to the students to further enhance their conceptual understanding.

Day 3:

Date: 9th June 2021

Time: 1:30 PM to 3:00 PM IST

On the third day of the training, Mr. Harshal Trivedi started the session with an introduction to the concepts of data mining, Crawling, and Normalizing data. Further, he explained the applications of data mining and crawling using Jsoup libraries. Also, he taught the implementation of these concepts in real life. At last, he gave a small task to the students for a better understanding of their conceptual knowledge.

Day 4:

Date: 10th June 2021

Time: 1:30 PM to 3:00 PM IST

On the fourth day of the training started with a further explanation of different concepts of data mining and Crawling. Mr. Harshal Trivedi also explained the concept of Normalization and its implementation in data mining. The students learned how to fetch particular keywords and find the frequency of the words in crawling. Also, he taught concepts like N-gram and its implementation. The session ended with a small task given to the students on these concepts for better understanding.

Day 5:

Date: 11th June 2021

Time: 1:30 PM to 3:00 PM IST

On the final day of the One Week Training on Data Mining using J2EE, students gained knowledge of data analysis using web crawling. The students learned how to keep track of the analysis of data with web crawling concepts. Also, they learned to implement these concepts with help of a small task given at the end of the session.

Conclusion:

The One Week Training on Data Mining using J2EE ended with a great hands-on experience for the students. The overall training helped the students to learn the core concepts of java and Dynamic web application. Also it helped the students to gain the in-depth knowledge of different concepts in Advance Java and its implementation. Overall it was a great training session for the students to learn properly and gain such a valuable knowledge in a short period of time

Some glimpse of the event

The screenshot displays the Cisco Webex Events interface. At the top, there are tabs for 'Computer Engineering S...', 'Harshal Trivedi', 'Vaibhavi Patel', and 'Viren Patel'. The main area shows a code editor with the following Java code:

```
1 package test;
2
3 import java.io.IOException;
4
5
6
7
8
9
10
11 /**
12  * Servlet implementation class abc
13  */
14 @WebServlet("/servlet")
15 public class abc extends HttpServlet {
16     private static final long serialVersionUID = 1L;
17
18     /**
19      * @see HttpServlet#HttpServlet()
20      */
21     public abc() {
22         super();
23     }
24 }
```

The console output shows: `init!!!!`, `service!!!`, `service!!!`, `service!!!`. The participants list on the right shows 37 participants, with 4 panelists: Computer Engineering S..., Harshal Trivedi, Vaibhavi Patel, and Viren Patel. The chat area shows messages from participants like 'same' and 'file delete kyathi kari?'. At the bottom, there are controls for 'Unmute', 'Start video', 'Share', and 'Participants'.

The screenshot displays the Cisco Webex Events interface showing a grid of video thumbnails for participants. The interface includes a 'Speaking: Darsh Bhatt' indicator at the top left. The grid contains 20 thumbnails, with names visible for: Himanshu Hirpara, Darsh Bhatt, Bhargav Parmar, Dilip Prajapati, Ghanashyam Sangani, Jatin Bhava, KEWAL KHANDHAR, and Mihir Patel. At the bottom, there are controls for 'Unmute', 'Stop video', 'Share', and 'Participants'.