

Batch 2023-27 Sem-6

B.Tech in CS

Industrial Oriented Mini Project/Internship/Skill Development Course (Big Data-Spark)

Sub-Code CSE324

Choose any one of the following 30 Project Topic

A. Big Data Analytics Projects

1. Big Data Analysis of Social Media using Apache Spark
2. Customer Behaviour Analysis using Spark
3. Sales Data Analytics using Big Data Tools
4. Real-Time Data Processing using Apache Spark
5. E-Commerce Recommendation System using Spark
6. Log Data Analysis using Apache Spark

B. Machine Learning with Spark Projects

7. Predictive Analytics using Spark MLlib
8. Customer Churn Prediction using Spark
9. Fraud Detection using Spark Machine Learning
10. Sentiment Analysis using Spark
11. Movie Recommendation System using Spark
12. Product Demand Forecasting using Spark

C. Real-Time Big Data Projects

13. Real-Time Traffic Data Analysis using Spark Streaming
14. Real-Time Stock Market Data Analysis
15. Live Weather Data Analysis using Spark
16. Real-Time Social Media Monitoring System
17. Real-Time Fraud Detection System
18. Real-Time Log Monitoring using Spark

D. Hadoop & Spark Integration Projects

19. Big Data Processing using Hadoop and Spark
20. Distributed Data Processing using Spark
21. Data Warehouse Analytics using Spark
22. Big Data ETL Pipeline using Spark
23. Data Processing using Spark and Hive
24. Large Dataset Analysis using Spark

E. Industry-Based Big Data Projects

25. Healthcare Data Analysis using Spark
26. Banking Transaction Analysis using Spark
27. Retail Data Analytics using Spark
28. Smart City Data Analytics using Spark
29. IoT Data Processing using Spark
30. Educational Data Mining using Spark