



Department of Computer Science and Engineering
Organizing a Club activity

on

POSTER PRESENTATION

(using chart)

Theme: Identification of Frameworks (Programming Languages) for
Real time Applications



- Utilize chart to create the poster.
- Team participation is permitted up to two members.

Scan Here to Register



<https://forms.gle/vS51iypCAaemovqu8>



04 MAY 2024
3.00p.m to 3.50p.m



Class Room No: 006

We extend a warm invitation to all students to partake in this event!

Coordinator

Ms. G. Aninthitha

AP-CSE

CO-Convener

Dr.C.Callins Christiyana

Prof/HoD-CSE

Convener

Dr.S.Durairaj

Principal

FRAMEWORKS FOR REAL TIME APPLICATION

Discover the world of Real Time Application Frameworks. What kind of applications are they used for? What data sources are they connected to? What kind of data processing and storage capabilities do they have? What kind of monitoring and alerting capabilities do they have?

KEY CONCEPTS

Whether it is a real-time data processing framework or a real-time data storage framework, the key concepts are the same. They are: **Real-time**, **Data**, **Processing**, and **Storage**. Real-time means that the data is processed and stored as it is generated, without any delay. Data means that the framework is designed to handle large volumes of data. Processing means that the framework is designed to perform operations on the data, such as filtering, aggregation, and transformation. Storage means that the framework is designed to store the data in a way that is accessible and searchable.



FRAMEWORKS

There are several real-time data processing frameworks available. Some of the most popular ones are: **Apache Kafka**, **Apache Flink**, **Apache Storm**, and **Apache Saml**. Each of these frameworks has its own strengths and weaknesses. Apache Kafka is a distributed streaming platform that is designed to handle large volumes of data. Apache Flink is a distributed stream processing framework that is designed to perform operations on the data in real-time. Apache Storm is a distributed real-time computation system that is designed to perform operations on the data in real-time. Apache Saml is a real-time data processing framework that is designed to perform operations on the data in real-time.

There are also several real-time data storage frameworks available. Some of the most popular ones are: **Apache Kudu**, **Apache HBase**, and **Apache Cassandra**. Each of these frameworks has its own strengths and weaknesses. Apache Kudu is a distributed storage layer that is designed to store large volumes of data. Apache HBase is a distributed database that is designed to store large volumes of data. Apache Cassandra is a distributed database that is designed to store large volumes of data.



CONCLUSION

Real-time data processing and storage frameworks are essential for many applications. They allow you to process and store data as it is generated, without any delay. This is important for applications that require real-time data processing and storage, such as fraud detection, recommendation systems, and social media analytics.

