Advanced Databases

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I. INTRODUCTION

Stream databases are databases adapted to handle real-time data. It process the data immediately.

It is used in financial transactions, transport logistics, monitoring, etc.

II. FOUNDATIONS

A. Apache Kafka

1) ZooKeeper :

2) Producer : Producer is the client that insert or update the events to the database

3) Consumer : Consumer is the client that select the events of the database

III. IMPLEMENTATION

IV. APPLICATION

V. CONCLUSION