Overview

Project Use Case

Build a realtime user friendly e-commerce users analytics Dashboard. By consuming different events such as user clicks, orders, demographics create a dashboard which gives a wholistic view of insights such as , how a campaign is performing country level, gender basis orders count, realtime purchase insights.

Who this project is for?

For any big data enthusiast who is keen to learn about cutting edge open source technologies this project is a perfect recipe. Apart from that, for any individual who is assigned a new project or asked to design real time systems, they can benefit going through this. The prerequisites for this project is Java programming language, basic idea and knowledge about big-data system and curiosity to learn new stuff.

What will you learn from this project?

- Creating full fledged realtime low latency Spark-Streaming jobs.

- Popular technologies such as Spark-Streaming, Kafka, InfluxDB, Grafana, Docker, Avro and many more.

- Core concepts of realtime streaming, time series databases and many more.

- Troubleshooting issues related to software versions, software setup in local, choosing right libraries.

- How the end to end a realtime analytics dashboard system looks like and use cases.

- Code Walk through.

- Exploring Tools via UI or CLI.

- Finetuning frameworks using configuration parameters.