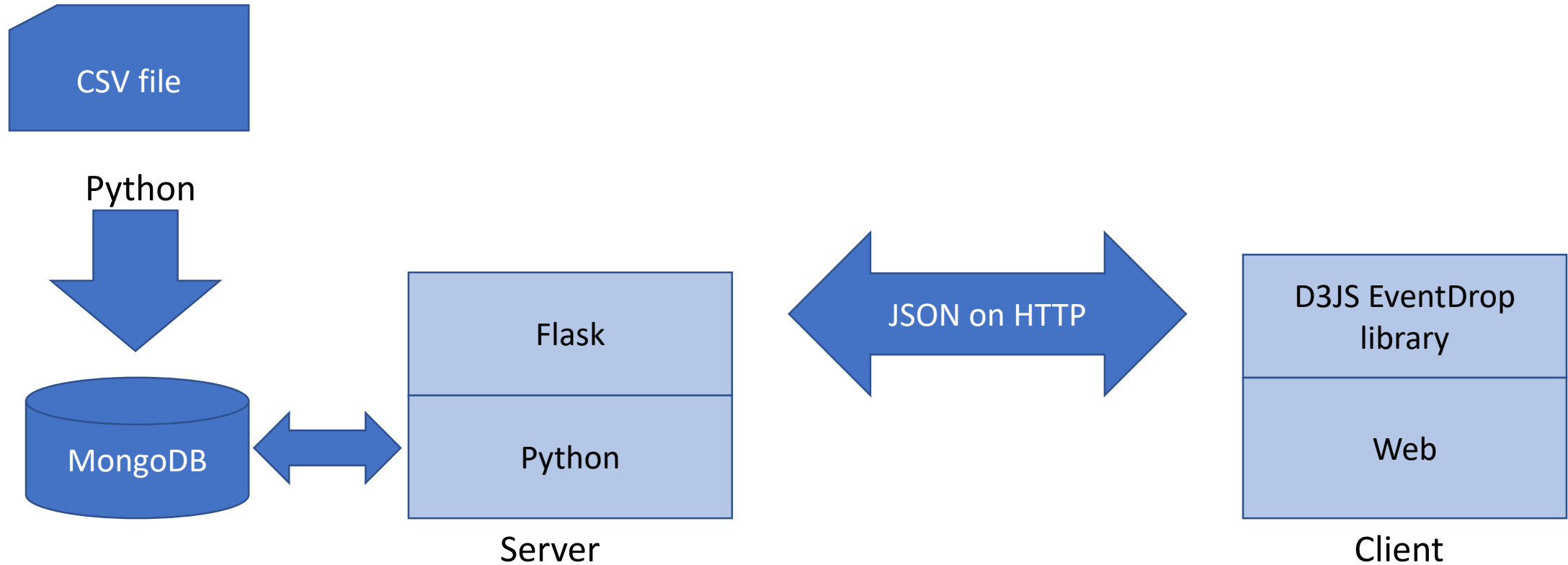


# **DS & Visualization**

Project – 2

Madhukara

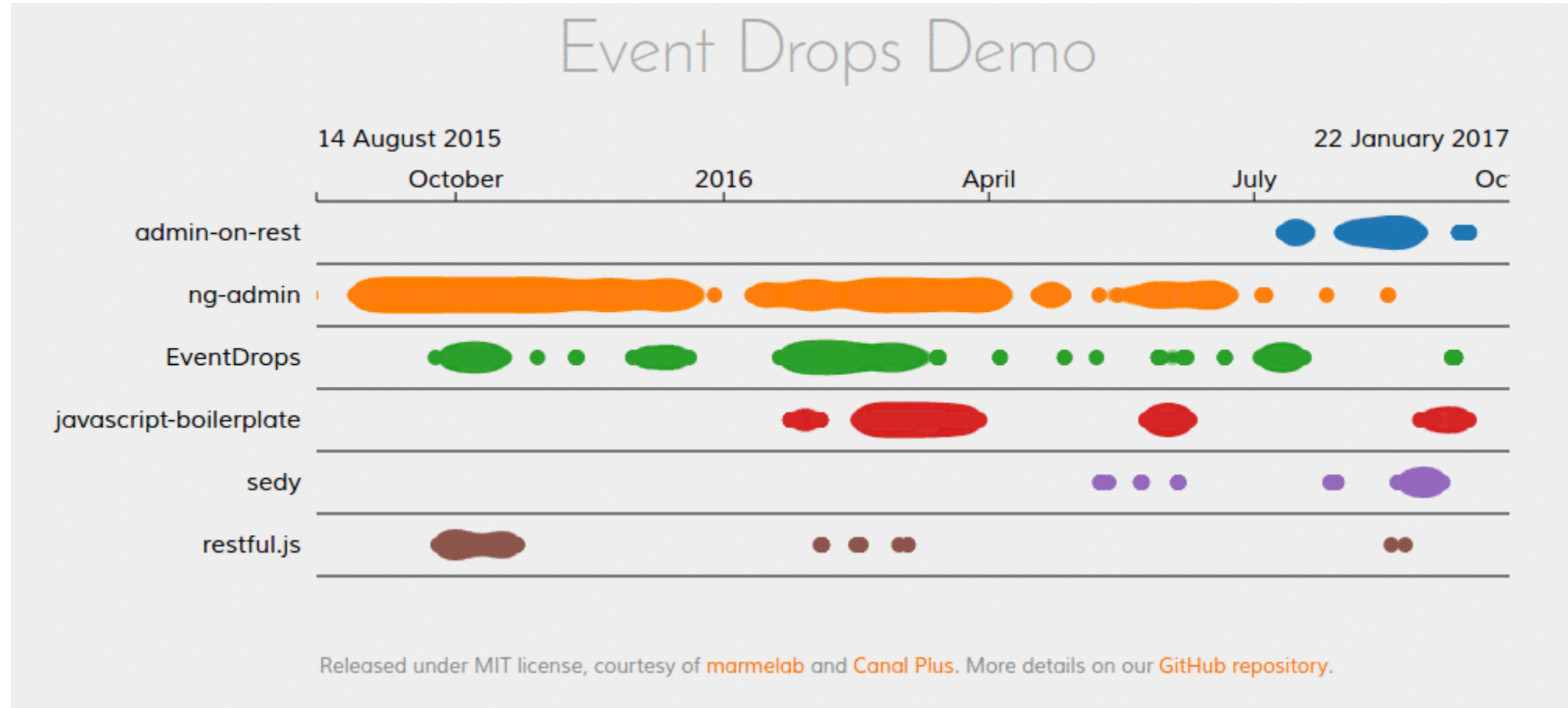
# Architecture



# CSV file format

- <time> <tag1> [<tag2> ... <tagn>] <Formatted string>
- Sample
  - 21:35:10.310 <Bootstrap> Initialize media application
  - 21:35:10.310 <Bootstrap> Media application initialized applD=01
  - 21:35:10.311 <Stream> Create media stream – audio
  - 21:35:10.312 <media><Stream> Media stream audio created
  - 21:35:10.313 <media><Codec> Initialize audio codec
  - 21:35:10.314 <media><Codec> Configure audio codec – AMR
  - 21:35:10.315 <media><Codec> AMR audio codec configured

# Planned Output



# Steps to realize the design

- Server

1. Read csv file from Python
2. Process each line and add it to mongodb
3. Flask + Mongo + Python to deliver JSON content

- Client

1. Timeline to get the JSON content from server
2. Draw the timeline
3. As zoom level changes re-fetch the data from flask and re-draw