Reactivesearch Setup :-

Installing npm :-

1. Type - sudo apt install npm

Skip step first if already installed.

Installing reactivesearch -

1. Type - npm install @appbseio/reactivesearch

Installing create-react-app -

Type -

1. npm install -g create-react-app .
2. create-react-app name\_of\_your\_app

(It will make a directory named name\_of\_your\_app and install required dependencies to it.)

**for tag cloud**

1. open terminal and cd to name\_of \_your\_app
2. type : npm i tag-cloud (it will download required dependencies)
3. cd name\_of\_your\_app
4. Npm start (this will start your react app on port : 3000)

Steps to show images or Videos :-

1. Go to name\_of\_your\_app/public directory and copy all images here .

(for instance : in mine case - i have path as one field where path for all images is defined as 'path': 'frames1/name\_of\_frame.PNG' .So i created folder named frames1 inside name\_of\_your\_app/public folder and copied all my images/frames corresponding to camera\_id 1 to it .Similarly, for camera\_id 2 .

And for Viedios I have folder named “Videos” inside name\_of\_your\_app/public and all mine videos are inside this folder .)

2. Go to name\_of\_your\_app/src folder and under open App.js and add your components here .

(in our case just copy and paste the code in it and just change <ReactiveBase

app=”elasticsearch\_index\_name"

url ="http://localhost:9200"

>

.)

3. relod the page it must render all images and Videos or images .(in our case it render only if data pushed to es cluster has the same mapping that i defined in python script.)

#index.max\_inner\_result\_window in es to change size.