

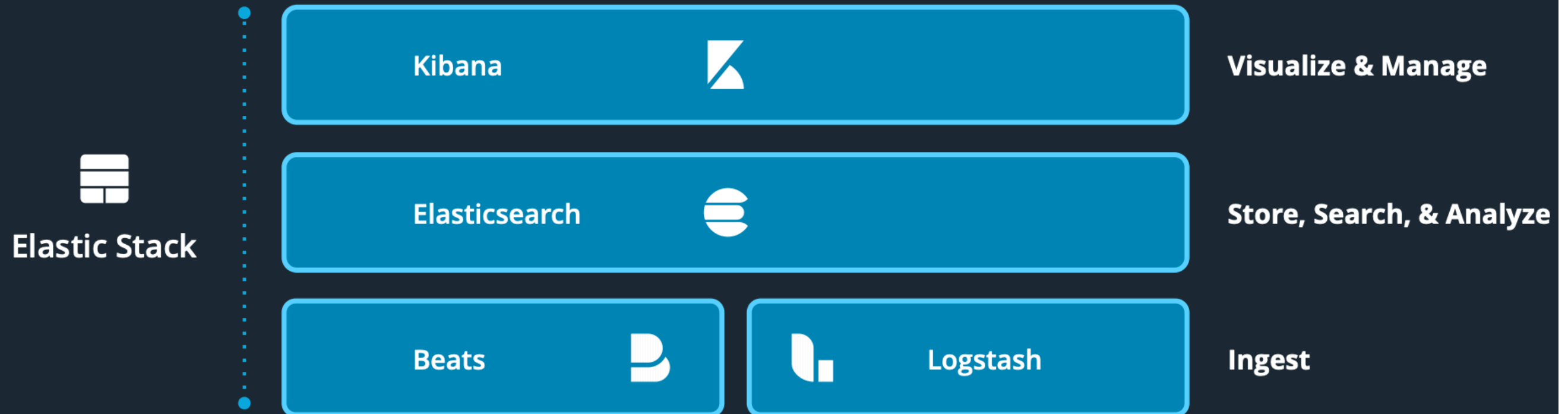
# WORKSHOP

# Analytics Using Kibana and Elasticsearch



**BUYUNG BAHARI**

Tangerang Selatan, March 25, 2019



# ELASTIC STACK

## ARCHITECTURE

<https://www.elastic.co> - Source Reference

# Pre-requisites

- **DOCKER Installed well**
  - Docker Desktop Mac  
<https://hub.docker.com/editions/community/docker-ce-desktop-mac>
  - Docker Desktop Windows  
<https://hub.docker.com/editions/community/docker-ce-desktop-windows>
  - Docker Linux
    - Ubuntu: <https://linuxconfig.org/how-to-install-docker-on-ubuntu-18-04-bionic-beaver>
    - Centos: <https://docs.docker.com/install/linux/docker-ce/centos/>
    - Other Linux: Go googling :)
- **GIT Installed well**  
Developers mandatory tools should be default in your laptop :)
- **Clone this repo**  
\$ git clone <https://github.com/buyungb/docker-sarccom-workshop-elk>
- **Create Docker hub account**  
<http://hub.docker.com>
- **Run Docker Service with Memory >= 4GB**
- **Login to your Docker hub account in Console**
- **Run : \$ docker-compose up**
- **Connect to Mysql Instance localhost:3306 with *user=sarccom, pass: sarccom-keren-banget***
- **Import MySQL Data sample (docker-sarccom-workshop-elk/data-sample/sample-data.sql)**
- **Open browser and access kibana <http://localhost:5601>**

Prepare Ingest Query



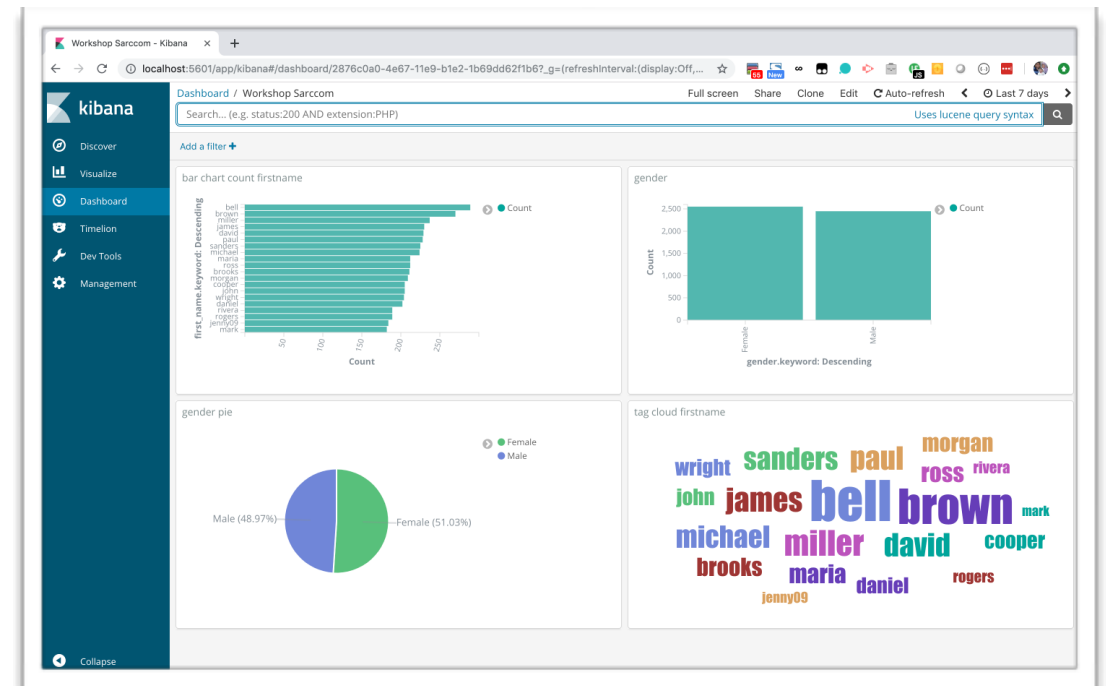
Start LOGSTASH service  
With JDBC Connector and setup query for  
ingestion



LOGSTASH starting ingest to  
ELASTICSEARCH Cluster



ELASTICSEARCH Indexing data from  
LOGSTASH



# WORKSHOP

## OBJECTIVE

A promotional banner for the Software Architecture Conference 2019. The background is a dark, high-angle photograph of a city skyline at night, with lights from buildings and streets. At the top, there are social media icons for Facebook, Twitter, and Instagram. Below them, the dates '2 - 3' are accompanied by a calendar icon, and 'AUG' is next to a location pin icon, followed by 'JAKARTA'. The main title 'Software Architecture Conference 2019' is in large, bold, white sans-serif font. Below the title, the subtitle 'Engineering The Future Of Software In Indonesia' is in a smaller, white sans-serif font. Two buttons are positioned below the subtitle: a red one that says 'BE OUR SPONSORS' and a green one that says 'GET EARLY BIRD TICKETS'. At the bottom, a countdown timer shows '130 Days', '6 Hours', '5 Minutes', and '18 Seconds' in large blue numbers with their respective units in smaller white text below them.

f t i

2 - 3 AUG JAKARTA

# Software Architecture Conference 2019

Engineering The Future Of Software In Indonesia

BE OUR SPONSORS GET EARLY BIRD TICKETS

130 Days 6 Hours 5 Minutes 18 Seconds

<https://conference.sarccom.org>

Join us for conference