MICHIGAN STATE UNIVERSITY

Beta Presentation

Profiling Manufacturing Plant Computer Network Traffic

The Capstone Experience

Team GM

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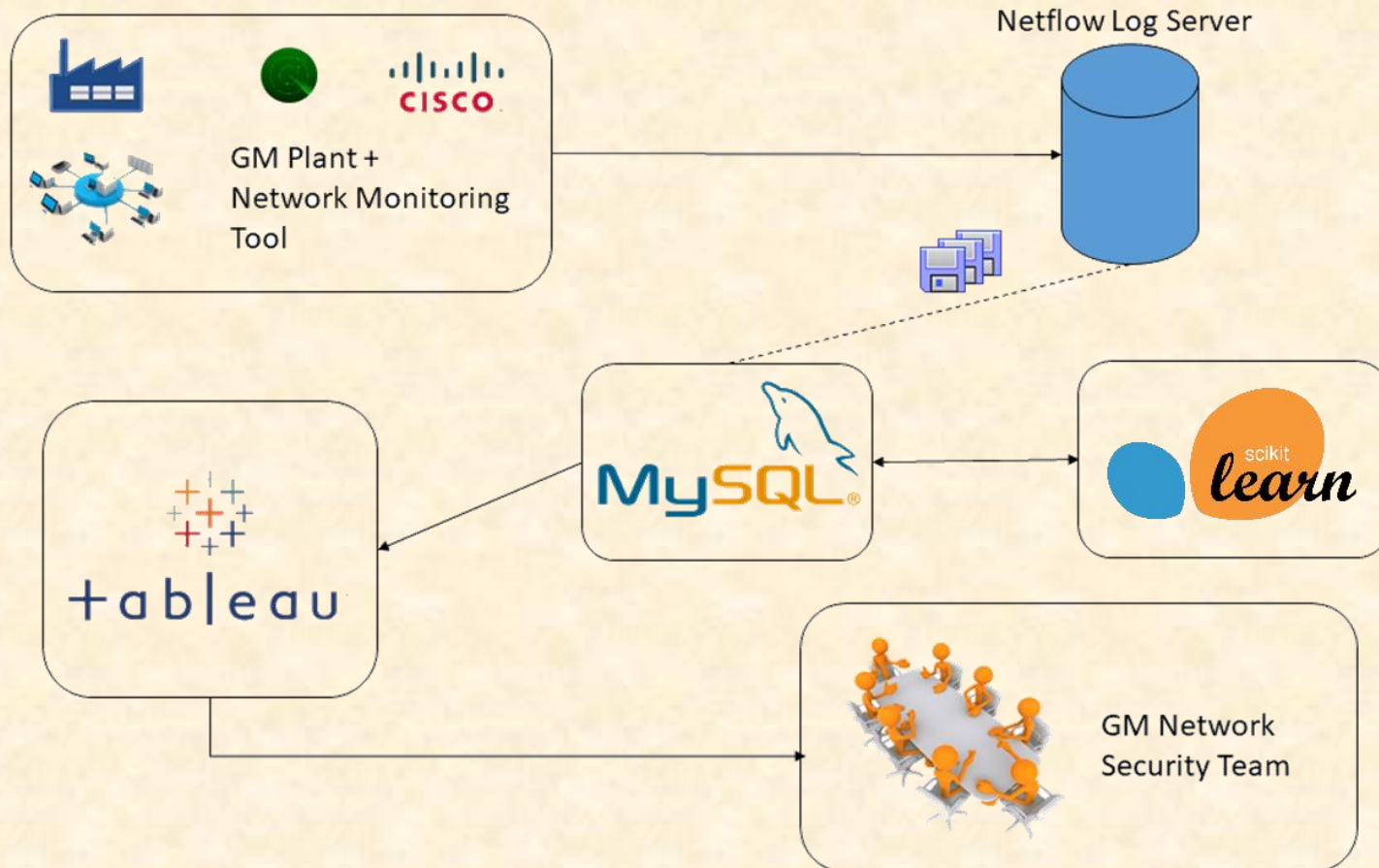Michigan State University
Fall 2019

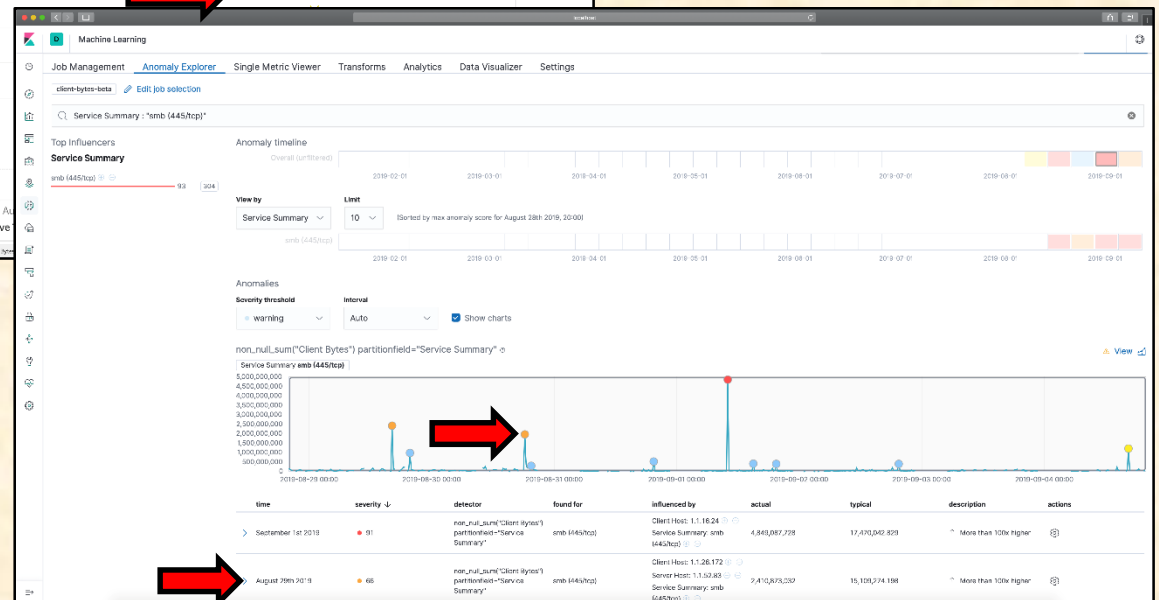*From Students…*
…to Professionals
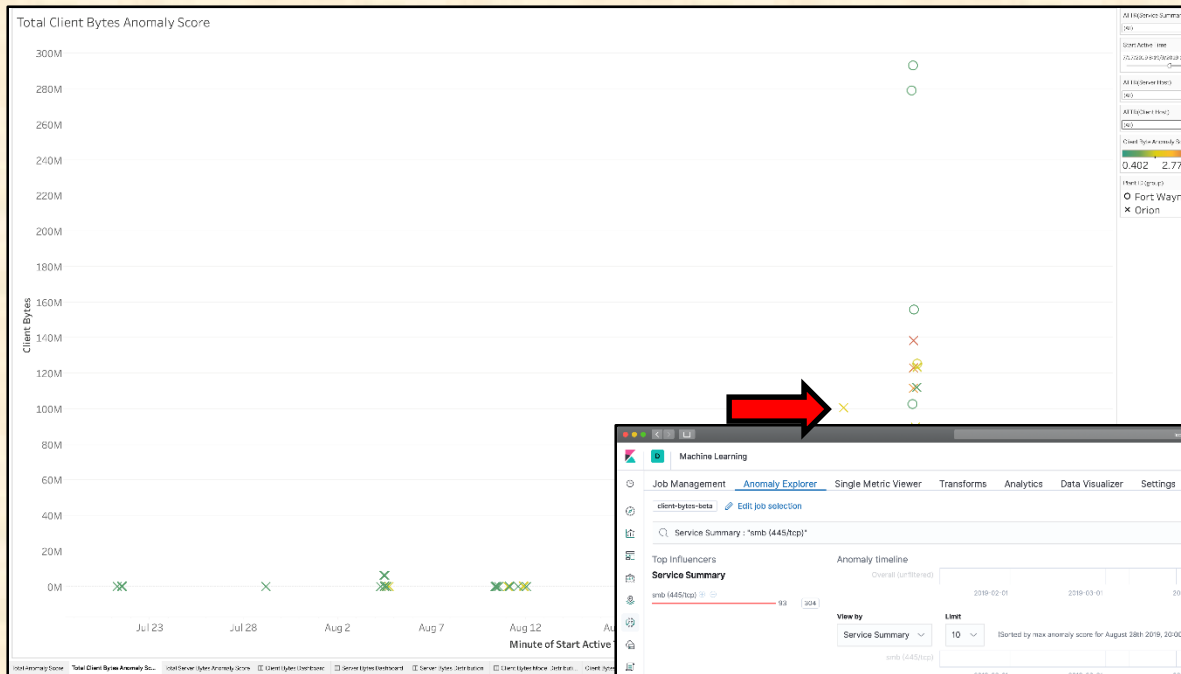
Project Overview

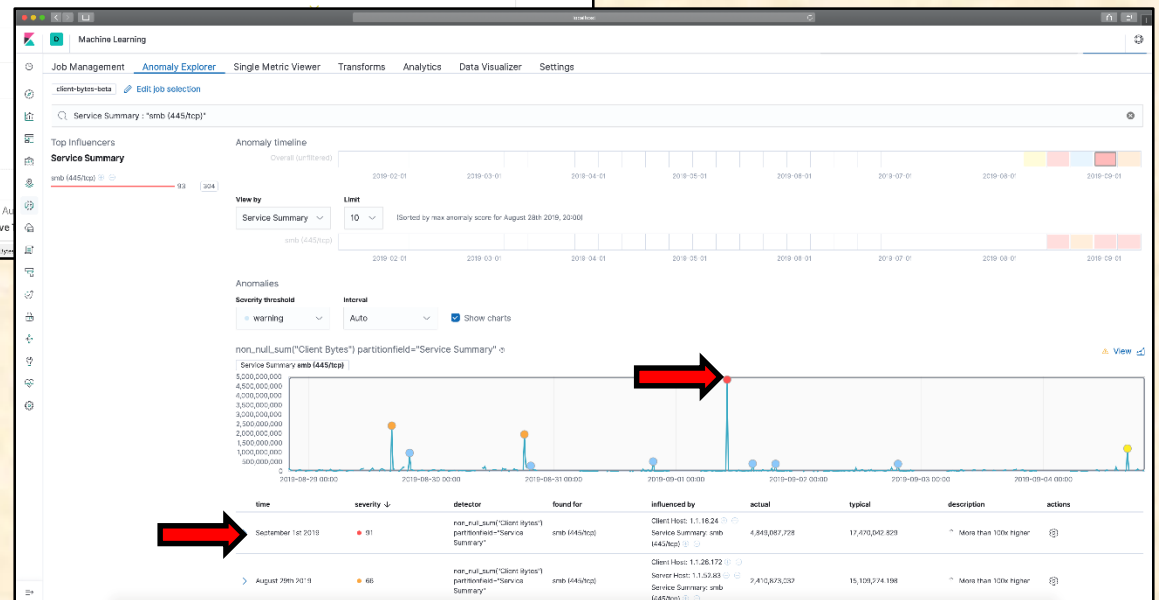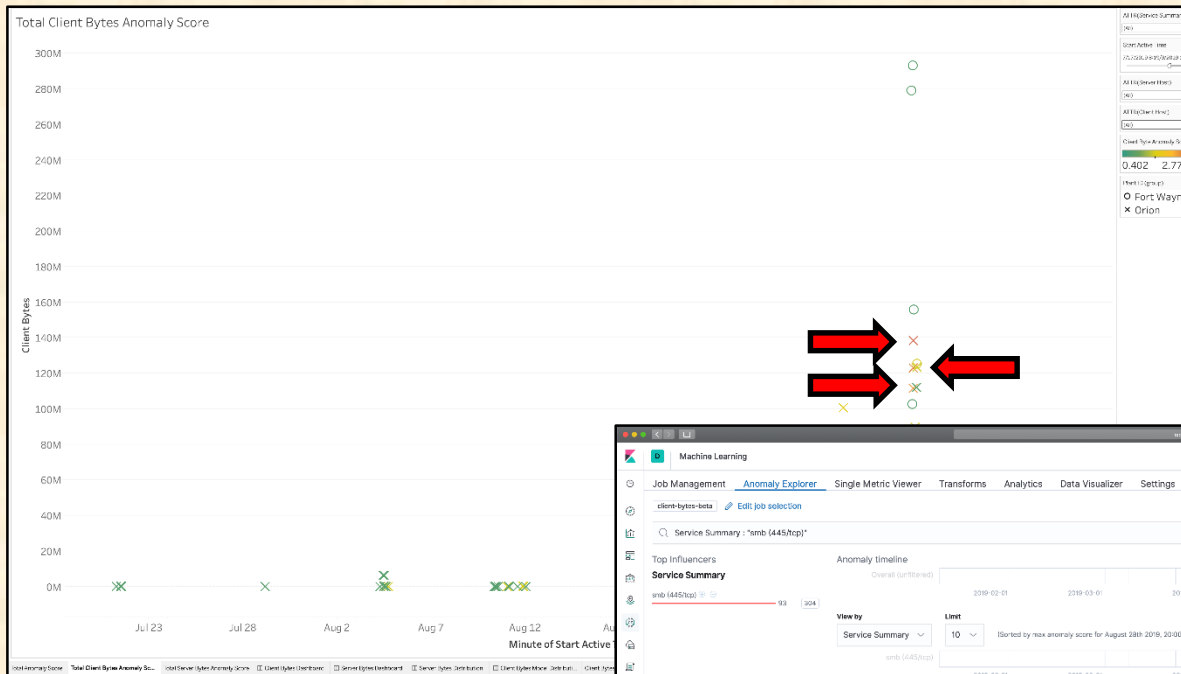- Manufacturing Plant Network

- Machine Learning

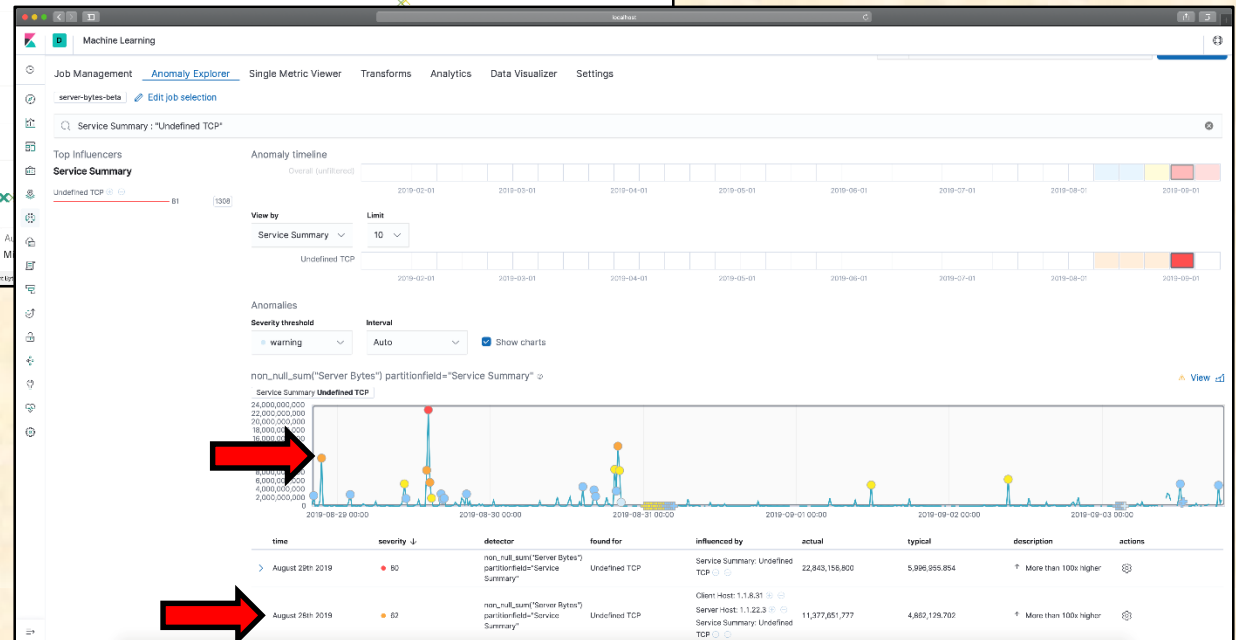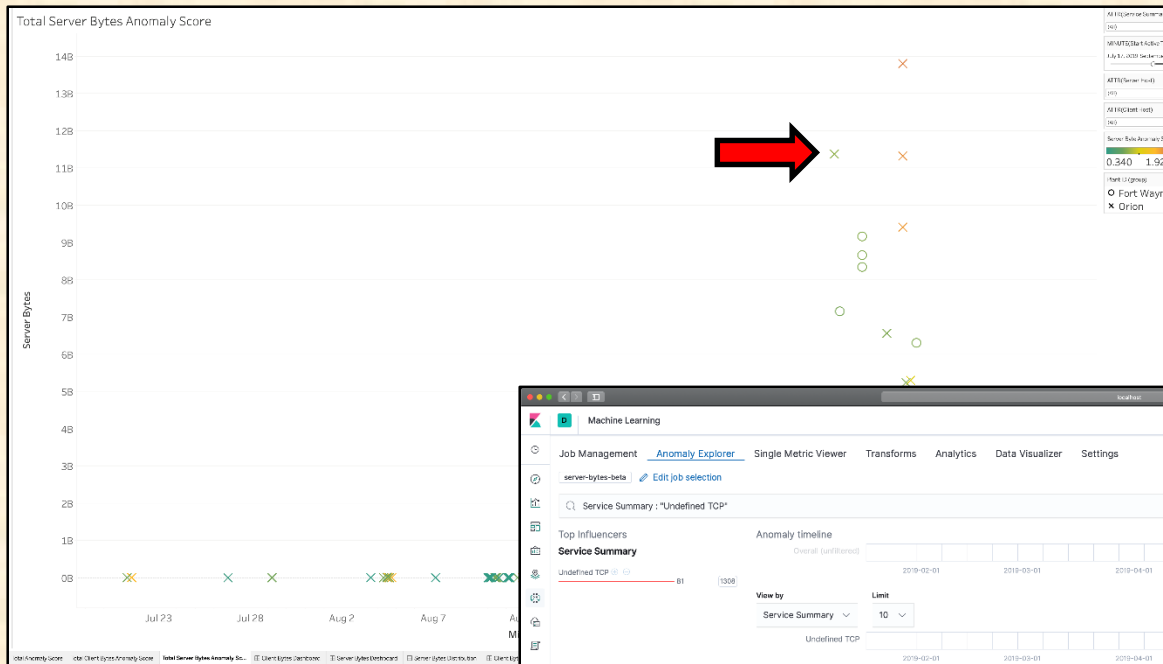- Anomaly Detecting

System Architecture
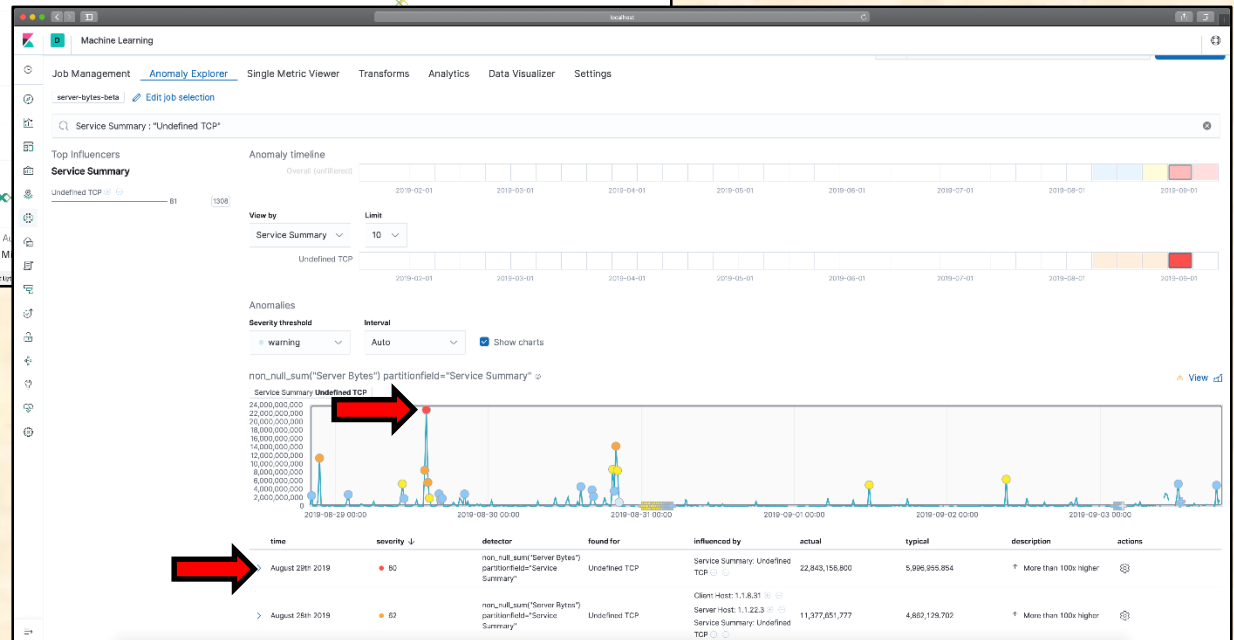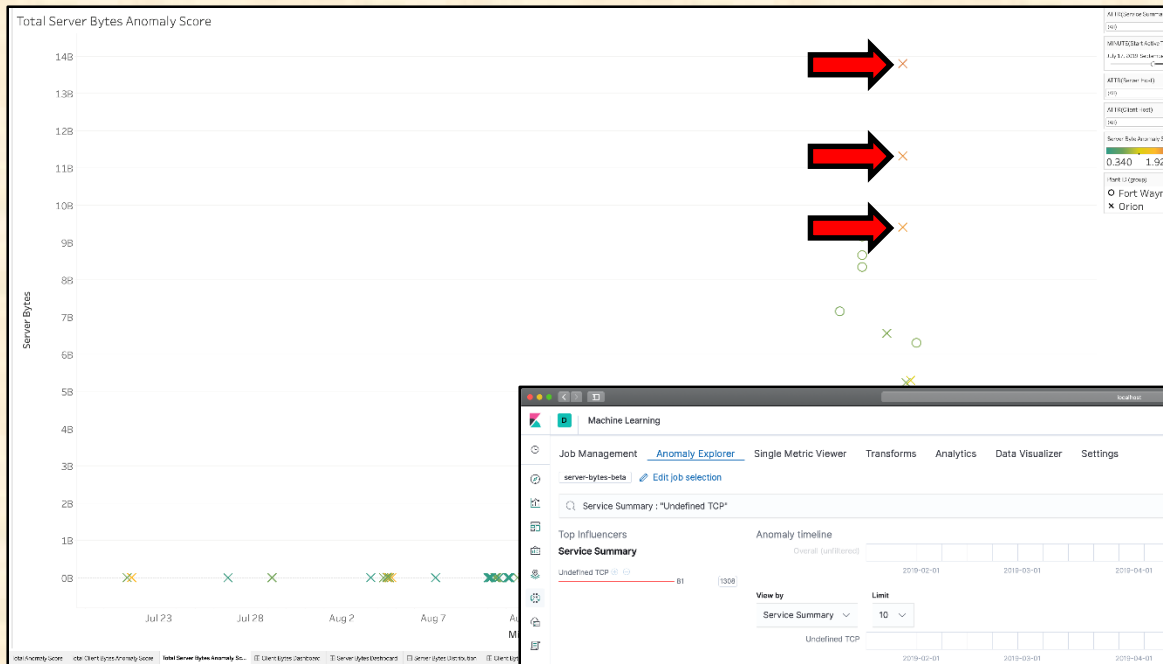
Client Bytes Models Vs ELK (1 of 2)

Client Bytes Models Vs ELK (2 of 2)

Server Bytes Models Vs ELK (1 of 2)

Server Bytes Models Vs ELK (2 of 2)

What's left to do?

- Create documentation for ELK stack

- Create documentation for in-house models

- Package and distribute final deliverables

- Delete all instances of data and other clean up activities

Questions?