

Team 4: Bi-Weekly Report 8

Project Title: PEACH Data Mining

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Overview

In the last 2 weeks, we have worked on all parts of our project and have completed most of the requirements. With the exception of themes on Kibana, we have met all the requirements and have run all parts of our system on our local machines. The data anonymisation tool can anonymise data which is then sent to the core analytics system before it is displayed on the Elastic Stack. Although the existing core analytics system does very little analytics, the visualisation produces displays on what data it receives.

Meetings

Numerous Meetings During and Outside of Lab Sessions

We have developed and put together all parts of our system on local machines. We have carried out some testing but we have also planned for testing in the coming weeks too. The first draft of the project poster has been completed and we will be looking to meet all the deliverables very soon.

Completed Tasks

- Completed most requirements
 - All 'must' and 'should' haves are finished
- Data anonymiser is working
- Data visualiser is working
- Core analytics running locally

Problems to be Solved

- Complete 2 'could have' requirements
- Deploy on Azure
- Carry out more extensive testing

Plan

- Potentially write a paper on this project
- Continue working on data anonymiser

- Deploy core analytics on Azure
- Stress test the system

Individual Section

Gavin Shek

During the last 2 weeks, I have connected the visualisation aspect of the project with the core analytics and have tested this on my local machine. Data can now be visualised on Kibana and the display be customisable to the user.

Saqib Jahangir

I ran the core analytics system on my laptop.

David Stepanovs

In the last 2 weeks I have been working on the data anonymiser and I have added multiple features.