Cluster and Cloud Computing Assignment 2 - #TheDeadlySins #2019

Victoria Social Media Analysis

Presented by team 52 :

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Overview

- Cloud based social media data analytic system which will compute the correlation of twitter data with aurin and categorize that into one of the seven deadly sins(Wrath).

- Hypothesis:
  - There is a correlation between the portrayal of violence in mass media like game of thrones and the amount of violence, aggression and the transpiration of germane crimes in the real-world

System Architecture

API	Map Reduce

CouchDB cluster

VM-1

Cent OS

CouchDB

Twitter Harvester

Docker

VM-2

Cent OS

CouchDB

Twitter Harvester

Docker

VM-3

Cent OS

CouchDB

Twitter Harvester

Docker

VM 4

Cent OS

Web Server

Web Interface

Data Visualisation

User