

Anomaly Analysis Codeup Curriculum Logs

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Chenchen Feng & Mijail Q. Mariano
Data Science Team
Codeup, Kalpana Cohort

chenchenfeng79@gmail mijail.mariano@gmail

Project Goal

The goal of this analysis was to study online curriculum trends and potential suspicious activity. For this study, we use anomaly detection techniques on a Codeup LLC curriculum log and IP address dataset of ~1mil records. Post analysis, we provide insights for Codeup's strategic lesson planning and make recommendations to mitigate suspicious online behavior.



Project Description

We use a scenario-based approach to answer key question to help inform senior Codeup stakeholders on their online curriculum & platforms strategy. In the report we devise insights into the following topics:

- → Most consistently visited curriculum lessons across cohorts and Codeup programs
- → By program lessons/topics revisited Post-graduation by Codeup alumni
- ✓ Lessons and topics least visited/referenced by Codeup students
- ✓ Information on specific Users/Students who while attending Codeup, rarely accessed curriculum lessons.
- → Potential suspicious activity amongst users, networks/computers, or otherwise



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Program Type





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Web Dev. Java Alumni Revisits









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