Trinity College Dublin
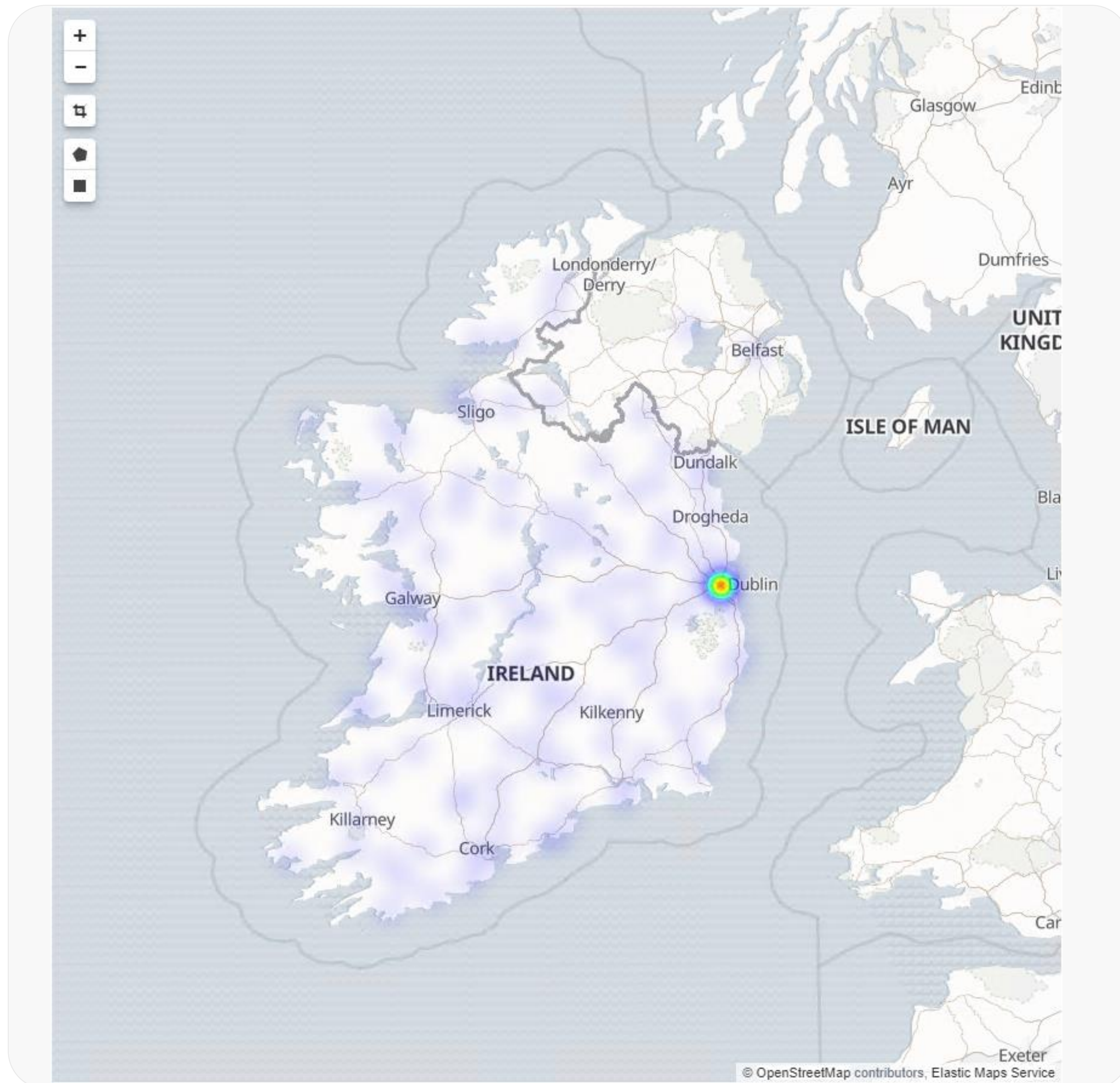## Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Localised Internet Scanning Infrastructure

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Location of Mail Servers in Ireland

© OpenStreetMap contributors, Elastic Maps Service

Project Overview

- Internet scanning uses:
  - **Good**: used by system administrators, researchers and commercial entities to find new vulnerabilities, find devices affected by known vulnerabilities, monitor roll out of mitigations and to uncover unadvertised services such as Tor bridges.
  - **Bad**: used by attackers to find new vulnerabilities and targets with known vulnerabilities.

- Project motivation:
  - Internet-wide scanning is widespread but more local scans could produce more actionable results using local knowledge and relationships with local asset-owners.

- Project goal:
  - Implement a data store and data visualization tool for Ireland-sized Internet scans.

Autonomous Systems in Ireland

TLS Cipher Suite Usage

RF Cipher Suite By Run

- 2018-02-18
- 2019-01-14
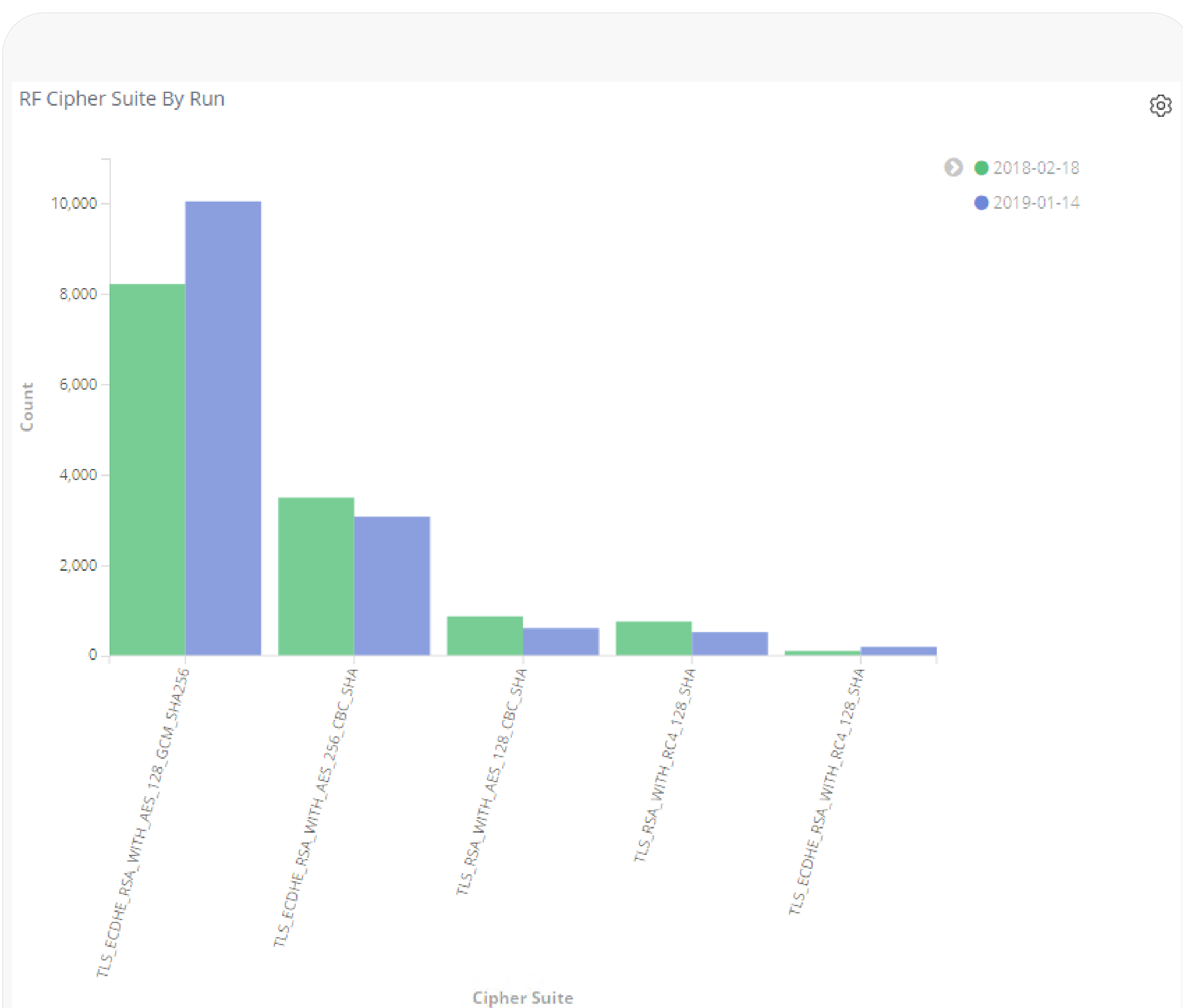
Technologies Used

- Data storage: Elasticsearch
- Data visualisation: Kibana
- Scripting: Python

Integrated Computer Science

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