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### SearchBreaches.me

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# SearchBreaches.me

By: Ajay Shah, Harshal Patel and Eric Gargiulo



# Our Project

- Connect individuals to pertinent data related to cybersecurity and breaches
- To provide our users with information that is:
  - Secure
  - Up to Date
  - Accurate
- An easy to use User Interface using our web application
- Utilization a self-developed score-based matrix recommendation system



# Some information about our project

- Created using Google's GoLang Programming Language
- Projected hosted on AWS (Amazon Web Services Cloud infrastructure)
- Recommendation system design was built in-house but was inspired by Netflix's Content-based Recommendation Algorithm
- Utilized ECHO Framework for Web Page generation



# Breach Data Source

- Wikipedia's page on List of Data Breaches
- HaveIBeenPwned.com
- Kaggle Dataset



# About Our Recommendation System

ID	Breach Name	State	Type of Breach	Industry	Location	Individuals
68	Equifax	Georgia	Web App Flaw	Financial	N/A	148,000,000

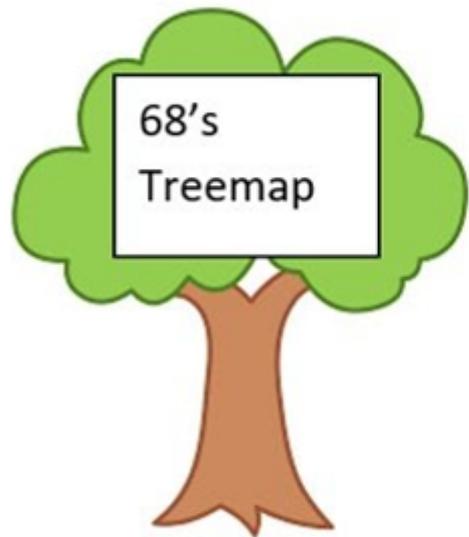


		+10	+25	+20	+5	+7
ID	Breach Name	State	Type of Breach	Industry	Location	Individuals
68	Equifax	Georgia	Web App Flaw	Financial	N/A	148,000,000

<b>ID</b>	<b>Breach Name</b>	<b>State</b>	<b>Type of Breach</b>	<b>Industry</b>	<b>Location</b>	<b>Individuals</b>
<b>68</b>	Equifax	Georgia	Web App Flaw	Financial	N/A	148,000,000
<b>419</b>	Capital One Banking	Virginia	Web App Flaw	Financial	McLean	106,000,000
			+25	+20		

ID	Recommendation Score
419	45





IDs
419
902
567
293



IDs
419
902
567
293



CAPITAL ONE BANKING
FIDELITY NATIONAL INFORMATION SERVICES
JP MORGAN CHASE
BANK OF AMERICA



Demo

<https://searchbreaches.me/>