



HACK THE THREAT 23: *Team Goals*

March 3, 2023



2hack2furious



Team Goal: Data
De-Sensitizer/Anonymizer

Tasks:

- Develop data-cleaning framework
- Develop system to evaluate data sensitivity (internally comparable and objectively)
- Working proof-of-concept

Possible Concerns/Issues:

- Every dataset is different. It may not be easy to account for these differences

2data2anonymous

Workflow:

```
graph LR; A[Upload CSV] --> B[Clean data]; B --> C[Create score for potential sensitivity]; C --> D[Recommend if we should delete or substitute]; D --> E[Perform deletions & substitutions]; E --> F[Return data to user];
```

2data2anonymous

Upload CSV

- ✓ Auto clean data
- Auto anonymize:
- ✓ Delete columns
- ✓ Substitute values

Parameters:

Disclaimer:
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec a ligula at nisi placerat venenatis. Etiam phanetra pretium enim vitae tempus. Fusce in metus nec sapien porttitor placerat sed interdum mauris. Nullam in ante fermentum. Venenatis sapien id, aliquet risus. Proin tempor consequat libero et lacus. Proin quam eros, bibendum sit amet ante non, consequat pulvinar eu. Aliquam erat volutpat. Nulla a arcu eu arcu congue.

Franceso	18	UBC	0.72	118 Green Dr, ...
Sean	27	SFU	1.45	243 Blue Rd, ...
Kai	64	UBC	2.32	19 Blue Rd, ...
Max	53	UTexas	0.18	8 Orange Ln, ...
Michelle	25	UVic	1.74	117 Red Rd, ...
Je'aime	19	SFU	4.39	97 Blue Rd, ...
Ricardo	24	UVic	5.25	18 Orange Ln, ...
Sasmita	72	UBC	1.34	13 Green Dr, ...
Ziggy	84	UTexas	1.27	4 Red Rd, ...
Charlie	39	UTexas	0.29	6 Red Rd, ...
*	<21	UBC	0.72	Green Dr, ...
*	25-30	SFU	1.45	Blue Rd, ...
*	60-65	UBC	2.32	Blue Rd, ...
*	50-55	UTexas	0.18	Orange Ln, ...
*	25-30	UVic	1.74	Red Rd, ...
*	<21	SFU	4.39	Blue Rd, ...
*	20-25	UVic	5.25	Orange Ln, ...
*	70-75	UBC	1.34	Green Dr, ...
*	80-85	UTexas	1.27	Red Rd, ...
*	35-40	UTexas	0.29	Red Rd, ...

Download

Techinators



Team Goal: Create a tool/app that makes fake news detection easier

Tasks:

- *Find the data - [Lisa]*
- *Data cleaning - [Sarah]*
- *EDA - [Kelvin]*
- *Feature Engineering [Caesar]*
- *ML Model Training [Kelvin]*
- *App Development & Deployment [Caesar]*

Possible Concerns/Issues:

- Data Collection / Formatting
- Model fine tuning



ANTI-HURRICANE HURRICANE CLUB

GOAL: DASHBOARD FOR HURRICANE EFFECT IN PUERTO RICO

Information about dataset (who, what, when, etc)	Ricky
Statistical description of the dataset	Waiel
Scientific questions we want to answer	Tanmay
Cleaning data	Waiel
Exploratory analysis	Tanmay
Dashboard design	Ricky
Dashboard coding	Ashwin

