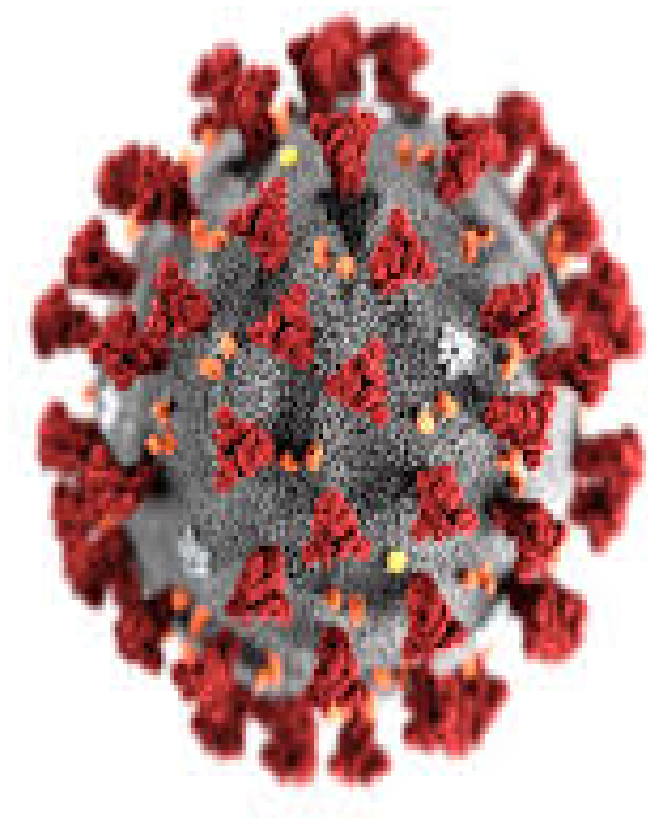


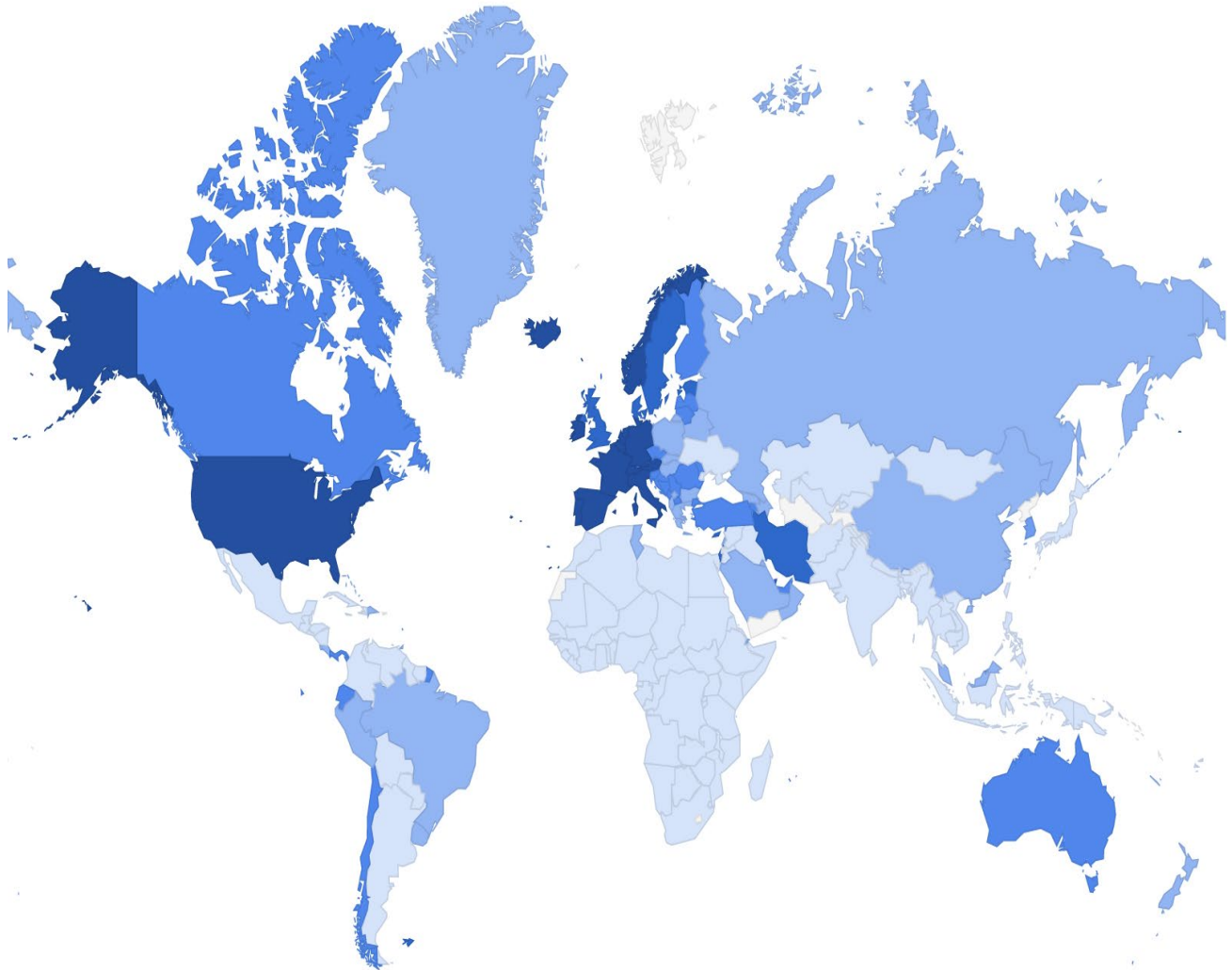
COVID 19 WEAKENED HUMAN IMMUNITY FOR AMERICAN



AWS Marketplace deployed

**Do Expired medicines
contaminants in the
American water supply,
affect weakened
human immunity for
American and cause the
Spread for Covid-19**

WHY IS SUFFERING MORE THAN ANY COUNTRY



	C	R	D
United States	624,048	50,947	27,787

Contaminants in the American Water Supply

Improperly discarded prescription medications are a growing threat to America's water supply. In South Carolina, **128 million prescriptions filled every year**, and about **40 percent** of them result in unneeded medicine thrown away

Antibiotic-resistant bacteria already cause about **65,000 deaths per year**, and that number could rise if proper medication disposal techniques are not followed well and safe

The problem:

Pharmacies and hospitals, the pile of expired drugs they are required to toss out add up to about **\$200,000 per hospital** each year.

When you count the costs of expired medications that thrown away by pharmacies and consumers, at least **\$1 billion worth of drugs destroyed each year**. There's a lot of waste in any hospital system," noted Dr. Robert Pedowitz, DO, medical director of the Family Practice of CentraState in New Jersey. "From multi-use bottles used once and packages that are never opened, there's so much we waste on a daily basis based on the expiration date and not because we know that it's definitely not still good."

<https://www.healthline.com/health-news/your-prescription-expiration-date-might-be-inaccurate#1>

The solution to the Problem:

My solution is to minimize the Expiration using Predictable formula and historical usage statistics

And using machine learning

“We using Predictable formula and historical data for product consumes to predict when our product will reach zero balance in inventory and we compare the expire date we generated from our formula to the actually expired date written in our product In that point, we will have the market status for our product to show two way a good or bad status

When customers get bad status in its product, they will have the chance to contact other pharmacies with good status to exchange the product with them

Expired Medicines, How To Avoid Their Financial Losses



Abdelrazek Youssef Rizk

<https://documentcloud.adobe.com/link/track?uri=urn%3Aaa-id%3Aacds%3AUS%3Ac1ac18d0-25df-42ef-b4a2-51c5ba1c8b13>

<https://github.com/abdelrazekrizk/MARKET-STATUS>

<https://github.com/abdelrazekrizk/USCARE>

<https://github.com/abdelrazekrizk/predict-the-end-of-the-expiration>

<https://github.com/abdelrazekrizk/Product-in-markets-status>