## FinTech to prevent and drive future recall risks of prescription and over-the-counter (OTC) medicines for consumers

**Project Team: Carl Bent, Chin Yu Hsu, Deron Porter, Otha Richardson II**

**Sources:**

<https://www.bcbsm.com/content/dam/microsites/medicare/documents/drug-recall-list.pdf>

<https://www.webmd.com/a-to-z-guides/what-is-a-drug-recall>

<https://www.fda.gov/drugs/drug-safety-and-availability/drug-recalls>

<https://www.slideshare.net/SafeMedicines/a-day-in-the-life-of-illegal-online-drug-sellers-using-social-media-by-tim-mackey-alsberg-fellow>

<https://www.cms.gov/Research-Statistics-Data-and-Systems/Research-Statistics-Data-and-Systems>

<https://www.slideshare.net/SafeMedicines/a-day-in-the-life-of-illegal-online-drug-sellers-using-social-media-by-tim-mackey-alsberg-fellow>

<https://lagunatreatment.com/addiction-research/fda-drug-recalls/>

<https://www.recallalert.org/>

[CaryRx | Stoplight](https://developer.caryrx.com/)

<https://www.cbo.gov/publication/57772#_idTextAnchor004>

<https://www.cbo.gov/data/budget-economic-data>

<https://data.chhs.ca.gov/dataset/prescription-drug-wholesale-acquisition-cost-wac-increases>

**API References:**

<https://www.goodrx.com/developer/documentation>

<https://lhncbc.nlm.nih.gov/RxNav/APIs/index.html>

[Validates and saves customer payment information to payment processor. | CaryRx Fulfilment API](https://developer.caryrx.com/docs/caryrx-api/b3A6OTA5MTE2Ng-validates-and-saves-customer-payment-information-to-payment-processor)

<https://www.pfizercentreone.com/api-finder>

<https://developer.walgreens.com/sites/default/files/v1_RXRefillAPI.html>

https://developers.google.com/earth-engine/apidocs

**Supporting Documentation:**

CSV: Google Sheets

FDA Recall: Dates, Brands, Sales

SQL- Schemas