

# **Medication Database for varying Illnesses**

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## **Abstract**

The aim of this project is to provide an avenue for people (and doctors!) to either refresh their memory on, or learn more about, which prescriptions are available for different illnesses. This project also aims to address any confusion or hesitancy people may have towards certain prescriptions by providing them with real and honest reviews about various prescriptions for any illness within the WebMD database tailored to their risk level. With this app people are able to filter by illness and ease of use tolerance level in order to understand which prescriptions may work best for them!

## **Design**

For this project I used SQLite as a data storage platform and python in order to 1) connect to my database in SQLite and 2) connect to StreamLit for web application development. In Addition to this I used unit testing in order ensure that my code was functional.

## **Data**

The data I used for this project was obtained from Kaggle and can be found [here](#).

## **Algorithms**

For this project I used Exploratory Data analysis and classical data cleaning techniques.

## **Communication**

This project was developed in StreamLit as an interactive web app.