

# Innovative Package Delivery

By Taida Chinamo, Tapuwanashe Smith, Trymore Hughes

**Broskiis**

# Description


It is a program that embeds delivery data into a modern UI and with an LLM (Open AI), making it easy for customers, drivers and support staff to quickly view the data.

# Features

- 1.It allows staff, drivers and users to query for up to date data.
- 2.It provides drivers with information regarding packages assigned to them.
- 3.It also calculates the average time drivers take to finish their journeys.
- 4.It shows drivers their rating based user reviews of their services.
- 5.It allows users to see the status and location of the packages in real-time.
- 6.It provides staff with statistics regarding every users' packages.

**Process**

# 1. Login



Enter User ID >

Enter Driver ID >

Support

- User?
- Driver?
- Staff?

No worries.

Just Login.

# 2. User Dashboard

ParcelsGeneral

Handmade Jewelry

2.51 Kg - 2022-03-27 01:30:58

User

What is a parcel

AI

A parcel is a package or object that is delivered from one place to another, usually through a shipping or delivery service.

User

How much is 2.51kgs of Jewelry worth on average

AI

I am unable to answer that question as I do not have any information about the value of jewelry in different weights.

How much is 2.51kgs of Jewelry worth on average

>

+

-

Lab Equipment

Washing Machine

Headphones

Lipstick

Track your packages on the move.



# 3. Driver Dashboard

Parcels

General

468 Rides

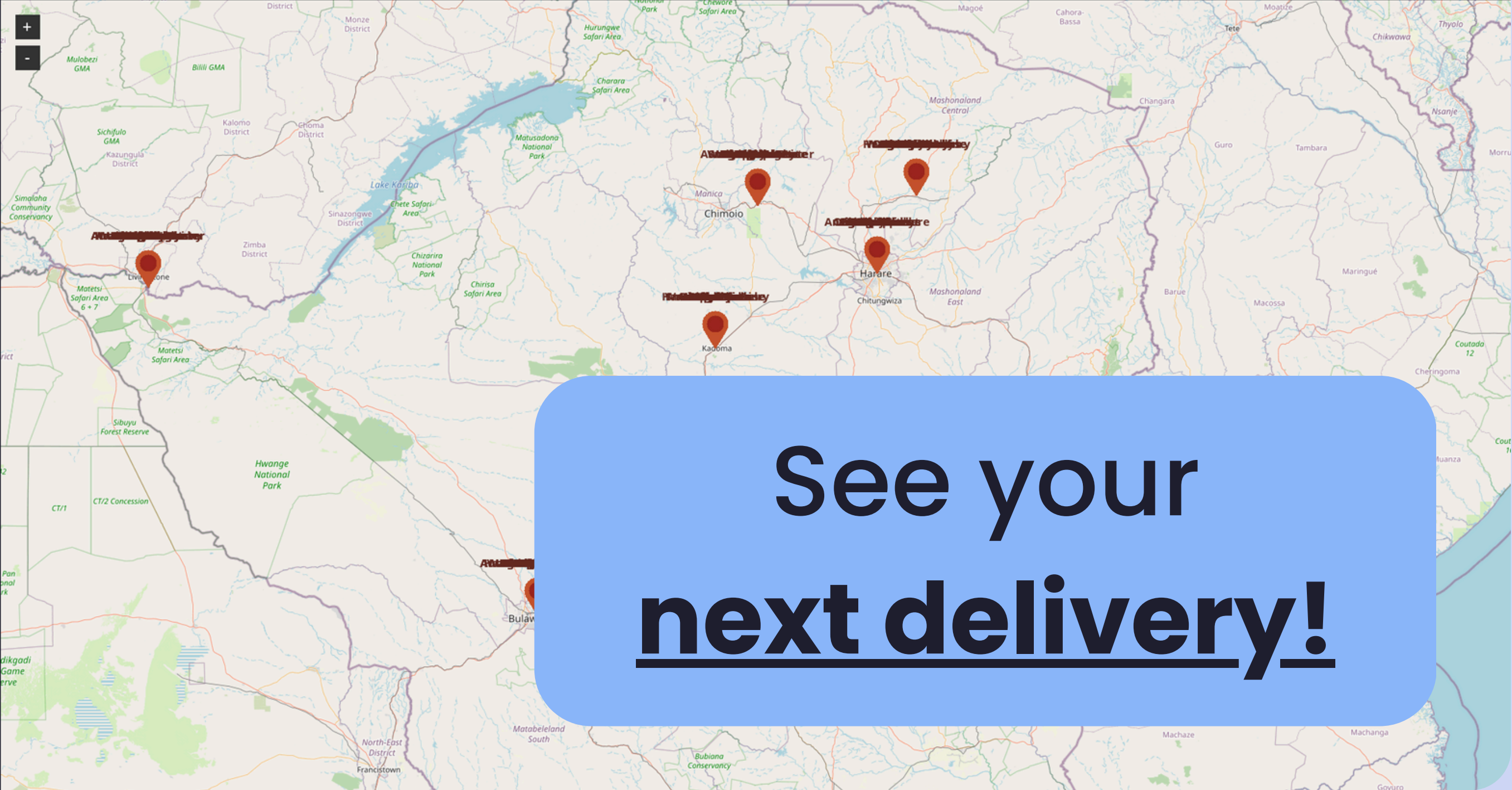
Avg Mins/Ride : 35

Rare Coin

4.31 Kg - 2019-01-01 03:07:37

+

-



See your  
next delivery!

>

# 4. Staff Dashboard

Parcels

General

1

>

993505835	<div></div>	2022-03-27 01:30:58
727254457	<div></div>	2020-05-25 22:38:52
126332146	<div></div>	2023-02-24 13:11:10
501988765	<div></div>	2019-01-20 18:00:13
335259604	<div></div>	2022-11-02 21:24:31
48126265	<div></div>	2021-04-13 11:09:34
32366919	<div></div>	2022-03-22 06:20:43
894291514	<div></div>	2022-01-01 09:07:36
499922428	<div></div>	2022-03-23 23:36:39
978533216	<div></div>	2022-01-10 10:19:28
787013926	<div></div>	2022-05-05 05:43:37

>

Provide help efficiently!



# Backend

## Part

## Description

### Language

The python programming language, allows easy understanding and customization of the codebase.

### Langchain + OpenAI

Langchain provides an interface for the program to be able to communicate with Open AI for its Chatbot.

### CSV Deserialization

Pandas reads the data in the form of CSV files and interfaces it with the GUI.

## Part

## Description

### The Duo Chatbots

These two chatbots allow users to be able to pick the dataset they require the most.

### Customtkinter

Customtkinter is a reliable, robust and refined GUI library. That empowers this modern GUI.

### Map

Tkintermap allows for a highly interactive and responsive map for users and drivers to see their packages.