



SmartHop ML Engineer Exercise

Background and Purpose:

- Through this exercise, we aim to gain a deeper understanding of your approach to building models that can extract insights and data from unstructured data like images or PDFs and GPS data . How you would apply best practices from model design, training and deployment from your prior experiences to SmartHop's business.

Prompt:

Given two documents one is:

- GPS data points (JSON encoded) of a trucks trip
- BOL file (A document that states what and where to pickup and where to deliver the cargo)

The goal is to be able to “**Detect if the Truck passed the Pickup and Delivery Points and for how long it was there at each stop (if any)**” ,

Format of the Exercise:

- The candidate would present a notebook and find out the answers about this truck trip
- The output would be text and structured json to model entities