MACHINE LEARNING - HAZMAT PLACARD RECOMMENDATION

Challenges
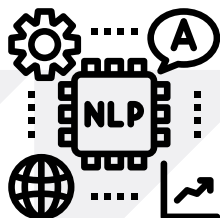
As per CSA regulations, trailer carrying Hazardous Materials needs to display Placards to specify what type of product is onboard. Incase of incorrect or missing placards, the Trucking company is fined and allotted demerit points which impacts the overall rating of the carrier.
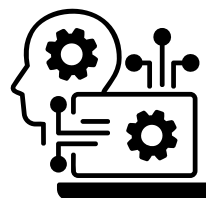
Solution

An inhouse solution was developed using NLP, designing rule engines, ML and advanced algorithms which could analyze the material on the trailer and generate the required placard recommendations.

The solution was seamlessly integrated with the existing TMS system, without having the Ops perform any additional steps.

Tools

NLP

ML ALGORITHMS