1. Dependent variable: **damage rate of a network** = the amount of returned trailers with damage/ the amount of departed trailers
   1. amount of return trailers = amount of post reports in this network
   2. amount of departed trailers = amount of pre-report in this network

## **Steps**

* Load WKB trip paths
* Merge with report table to get is\_damaged and returned\_address
* Match returned\_address to network\_address
* Extract trip-level features by timestamp:
* Trip duration
* Average speed
* Start hour, day of week
* Weekend & night flags
* Aggregate to **network-level**
* Train a model to **predict damage rate per network**