

Predictive EMS Dispatching with Fire Dispatch Data

In a lively city like New York City, the sound of sirens are abundant. However, with so many people, cars, and traffic, based on a call from Fire Dispatch, what type of incidents will prompt EMS dispatching?

We hope that our data will be able to predict when to dispatch EMS based on calls received by the fire department - reducing wait times for first responders to assist victims of fires/etc.

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Data Sources

Source: NYC OpenData

Fire Incident Dispatch Data

The Fire Incident Dispatch Data file contains data that is generated by NYC's Starfire Computer Aided Dispatch System.

2.62 GB, 8.69M Rows, 29 columns

<https://data.cityofnewyork.us/Public-Safety/EMS-Incident-Dispatch-Data/76xm-jjuj>

EMS Incident Dispatch Data

The EMS Incident Dispatch Data file contains data that is generated by NYC's EMS Computer Aided Dispatch System.

5.61 GB, 23.2M Rows, 31 columns

<https://data.cityofnewyork.us/Public-Safety/Fire-Incident-Dispatch-Data/8m42-w767>

Design Diagram

