WAT.AI

SCRUM Sprint 1

For 2023, mean delay time was 20.25161 minutes, standard deviation was 50.16972 minutes.

Some of the factors that could be important but were not included:

* Weather, sourced from weather API: <https://open-meteo.com/en/docs/historical-weather-api>
* Potential Holiday (no source needed)
* Construction times / areas: CAN’T FIND

We expect our model to have heavier delays due to the following factors:

* Poor weather days, especially when rain and snow are involved
* Peak rush-hour for work, i.e around 8:30am and 5:30pm
* Peak rush-hour for school, i.e around 7:30am and 3:30pm
* Construction areas
* Construction times
* Holidays (less buses)
* Higher delays expected during weekday

Geographical trends:

* Near schools would yield higher delay around school times
* Near offices would yield higher delay around rush hour
* Near downtown would yield higher delays
* Near route right after popular destinations (wonderland, Dundas/rogers, cn tower)