Plan of predicting future speed

Live Version

SMHI weather post streamed

- Current weather state
- temperature
- view distance?

Streamed from api?
- car crash?
- holiday?

Streaming data

Histrocially measured AVG speed for each hour 0-24

Non streamed data(static data)

ML Model

AVG Speed X hours into future

Training of model

SMHI weather post historical dataset

- Current weather state
- temperature
- view distance?

Dataset?
- car crash?
- holiday?

Streaming data

Histrocially measured AVG speed for each hour 0-24

Non streamed data(static data)

ML Model

AVG Speed X hours into future

won't be used

Speed allowed? →

Material to build it →

Static meta data
of the road
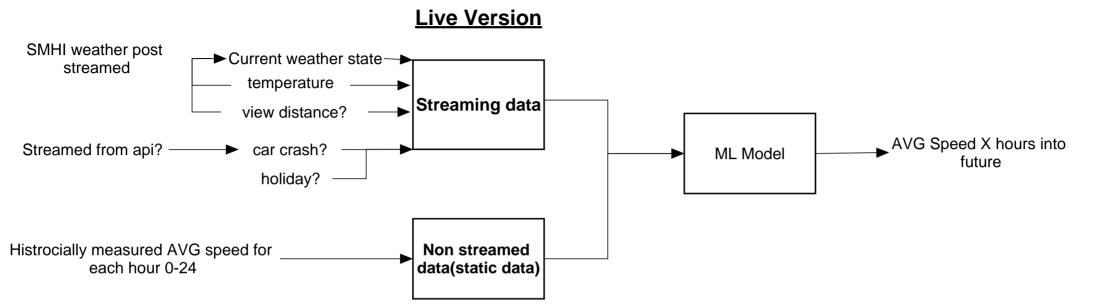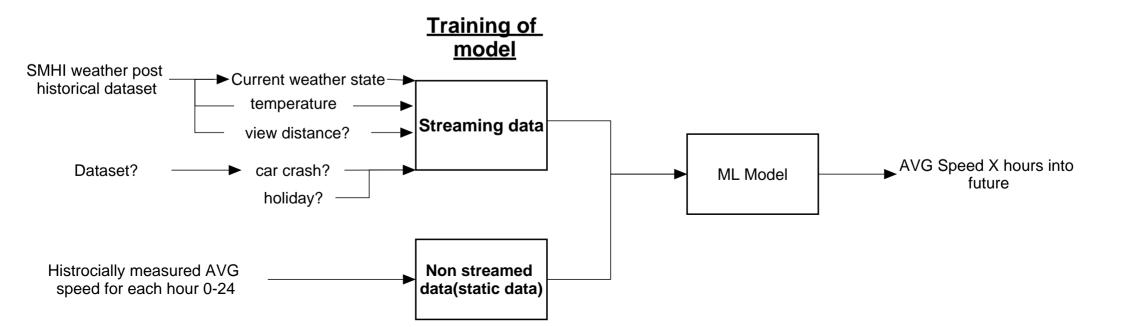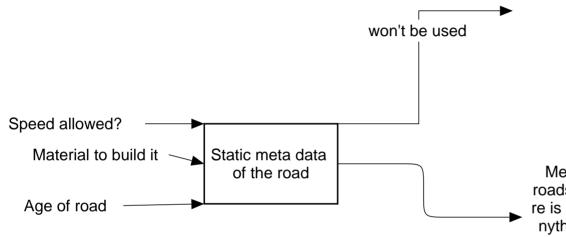
Age of road →

Meta data only needed if we use multiple
roads. If we use same road all of the time the
re is no variance and not therefore wont adda
nything if we add them(if same road always)

Future work?