

REMOVE BAD FEATURES:

ling map - reported - 2nd Id
" - nearby - 1st
" - report road - 2nd
" - expected - begin - 2nd
" - expected end - 2nd
" - n Comments 3rd

CLEANING:

- type - check not None
- subtype - check not None
- pubDate - convert to DateTime, check valid date+time
- city - reg Exp ?
- street - reg Exp ? } Brad, TO FILL ❌
- roadType - check not None
- reportRating - check not None
- mapview - check not None

Notes for Part II:

- Prop subtype

- reliability - check not None
- x, y - check not None

FILL MISSING:

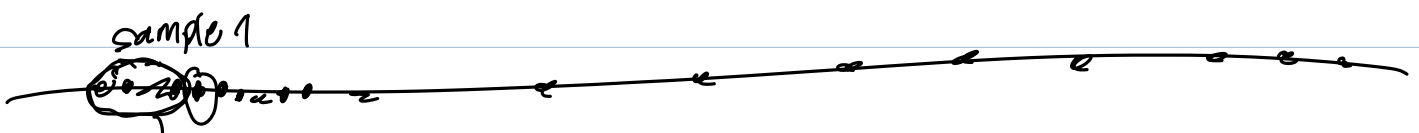


- city - by x, y
- street - by x, y, magVar

CREATE NEW FEATURES:

- Use magVar to create 2 features:
north_south - 1 else (east-west) 0
bearing - 1 if north/east else (south/west) 0
- Dummies? -

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Feature 1
1st | 2nd | 3rd | 4th | unknown - - - Feature 10

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NOTES:

- type & subtype are multi-classification problems,
x & y are regression problems
- for x & y regression, project the prediction,
onto the closest road

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4.2.1 NEXT EVENT PREDICTION

Given a sequence of 4 consecutive events in **Tel-Aviv** (ordered by time) predict the next event. That is, given a sequence of 4 events x_1, \dots, x_4 predict the following features of the 5th event: (**linqmap_type**, **linqmap_subtype**, x coordinate, y coordinate).