Lyft Dataset structure:

9 category,

18 attribute,

4 visibility,

18421 instance,

10 sensor,

148 calibrated\_sensor,

177789 ego\_pose,

180 log,

180 scene,

22680 sample,

189504 sample\_data,

638179 sample\_annotation,

1 map

Categories information:

[{'description': '',

'token': '8eccddb83fa7f8f992b2500f2ad658f65c9095588f3bc0ae338d97aff2dbcb9c',

'name': 'car'},

{'description': '',

'token': '73e8de69959eb9f5b4cd2859e74bec4b5491417336cad63f27e8edb8530ffbf8',

'name': 'pedestrian'},

{'description': '',

'token': 'f81f51e1897311b55c0c6247c3db825466733e08df687c0ea830b026316a1c12',

'name': 'animal'},

{'description': '',

'token': 'a8619a81f5acc7da2a2f034420db2b2f43a015c8c689822e5295b5d6f7a5d8d6',

'name': 'other\_vehicle'},

{'description': '',

'token': '7ea5868735dc408109bfa74fd139bd8c5aa3767b52e054b8e792cabcf309c6f4',

'name': 'bus'},

{'description': '',

'token': '1248d937c7a1a2eb1022ba9e806ebd5183b6c20c7f5703d8a7320600f1caad27',

'name': 'motorcycle'},

{'description': '',

'token': '8af78d27e148a8f544f4c86b2a3f4bd6192b975d1065dd932ebdb8879778e275',

'name': 'truck'},

{'token': 'c4e92c2b854fb03382838643c36d01a349f5624a11f184042d91d916d19acdbd',

'description': '',

'name': 'emergency\_vehicle'},

{'description': '',

'token': '8c07dfa7af0da0191d59a2db50dc26ad1528be1fad483f17e2586309482d81bd',

'name': 'bicycle'}]

Visualize a sample interactively using lyft SDK's built function

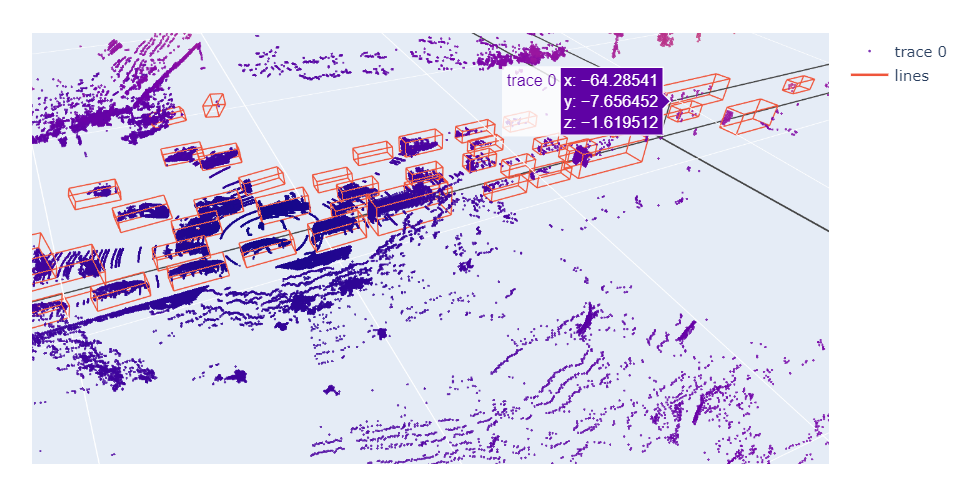


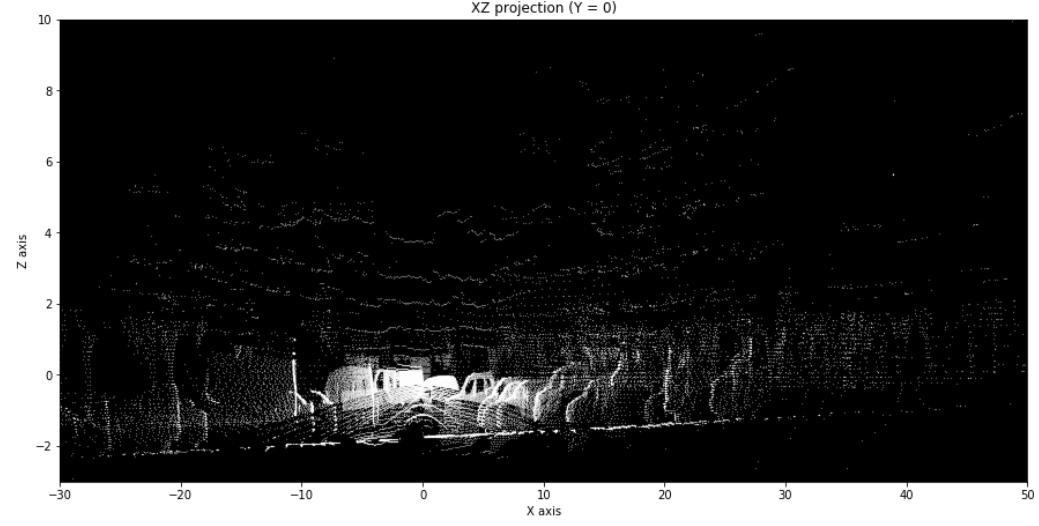
Photo captures from front camera

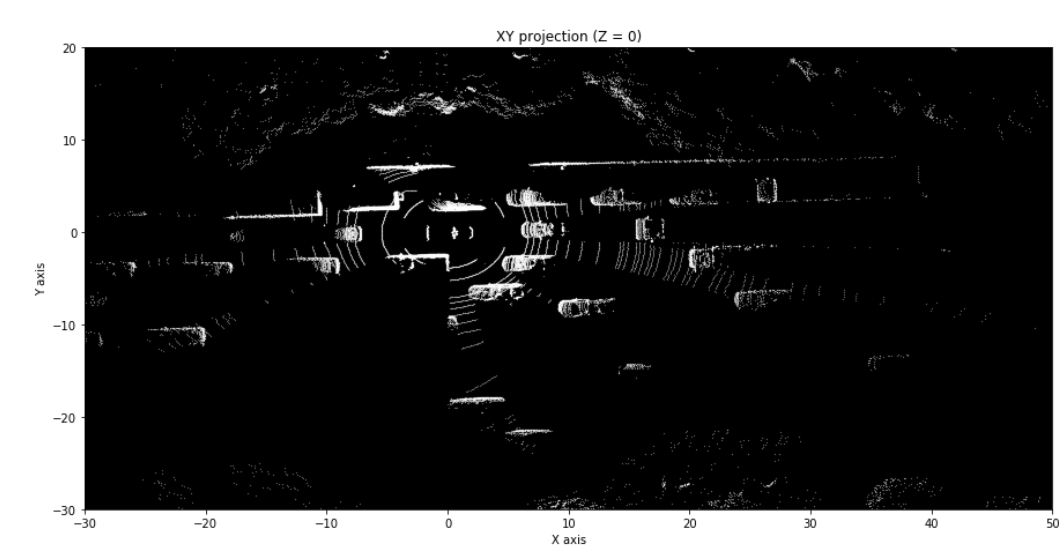


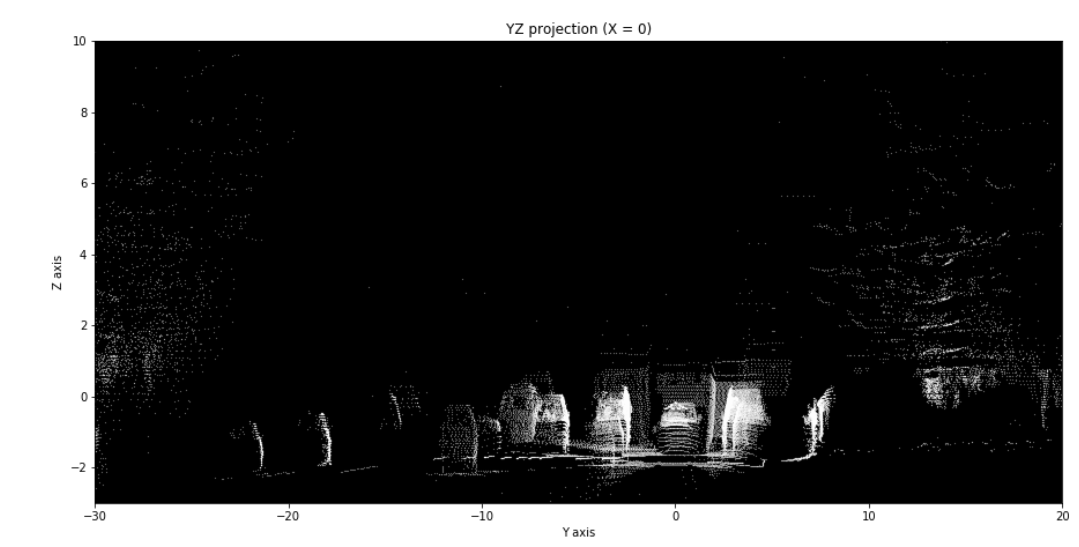
Point cloud visualizations



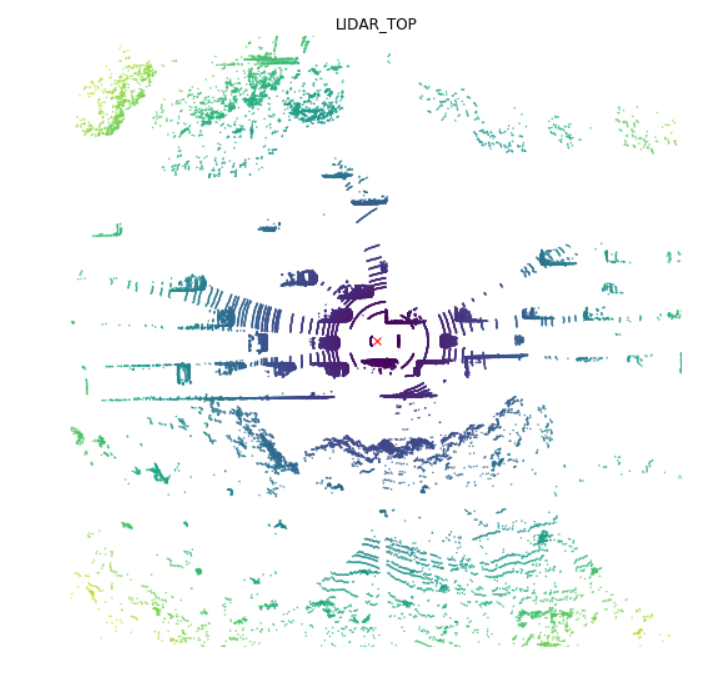
Three projections:







Rendered Lidat top data

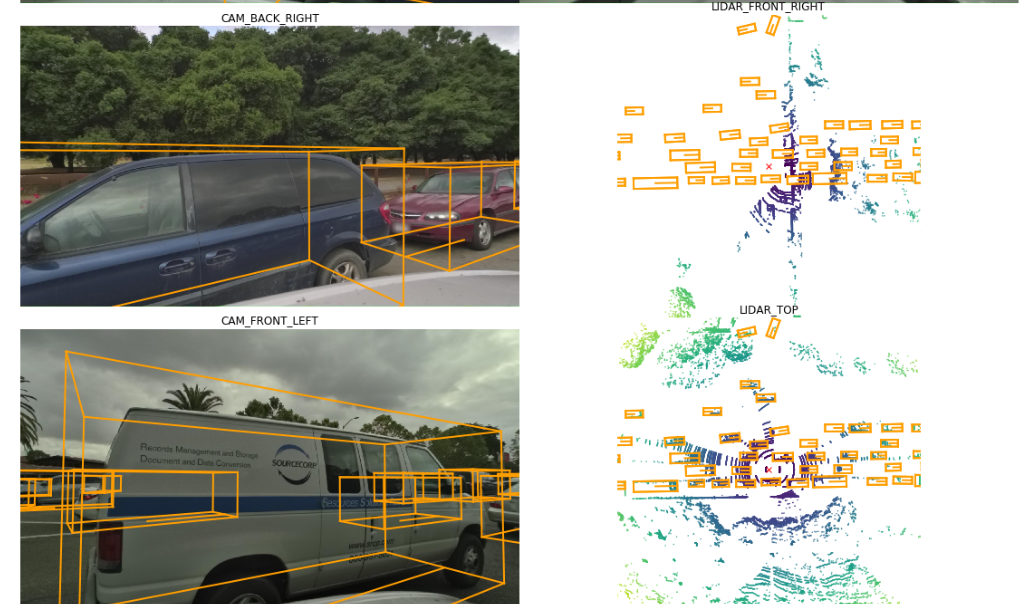


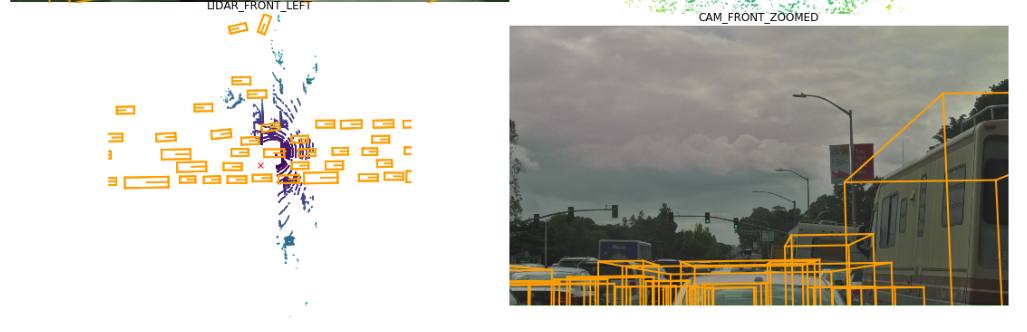
Rendered Annotation:



Integrated rendered data







3D point cloud with annotations:

