

CARTO-Test-Q2-ChunkSize-Revised

April 2, 2022

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[7]: # This routine reads and uploads a CSV dataset into CARTO in chunks of 100 mb
      ↪ or so

import pandas as pd
import io
import requests
from cartoframes import to_carto
from cartoframes.auth import set_default_credentials
from pprint import pprint

# Get the csv from the Internet
getURL = "https://data.cityofnewyork.us/api/views/bntt-wmh5/rows.csv"
s = requests.get(getURL).content

# Get the School Districts from the csv
schoolDistricts = pd.read_csv(io.StringIO(s.decode('utf-8')))

schoolDistricts.head()
```

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[7]:
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	the_geom	SchoolDist	\
0	MULTIPOLYGON (((-73.97906084845815 40.70594602...	13	
1	MULTIPOLYGON (((-73.91990064336105 40.59960052...	22	
2	MULTIPOLYGON (((-73.9717741096532 40.725821281...	1	
3	MULTIPOLYGON (((-73.9118071006944 40.703434952...	32	
4	MULTIPOLYGON (((-73.89680883223781 40.79580844...	7	

	Shape_Leng	Shape_Area
0	86613.431251	1.048871e+08
1	271705.210827	3.855582e+08
2	28625.358551	3.516415e+07
3	37200.403801	5.203075e+07
4	65567.308665	9.225101e+07

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[11]: # Pull in credentials from creds.json file in same directory
set_default_credentials('creds.json')

byteSizeLimit = 100000000 # 100 mb
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to_carto(schoolDistricts, "schoolDistricts100", cartodbfy=True,
↳log_enabled=True, retry_times=3, max_upload_size=byteSizeLimit,
↳skip_quota_warning=False)
```

Success! Data uploaded to table "schooldistricts100" correctly

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[11]: 'schooldistricts100'
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