```
In [1]: MNGEO = "https://gisdata.mn.gov/"
In [2]: import requests
```

```
In [3]: #r = requests.get(MNGEO)
#r.content
```

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Out[3]: b'\n\n\n\n<!DOCTYPE html>\n<!--[if IE 9]> <html lang="en US" class</pre> ="ie9"> <![endif]-->\n<!--[if qt IE 8]><!--> <html lang="en US"> <!--<![endif]-->\n <head>\n link rel="stylesheet" type="text/cs" s" href="/fanstatic/vendor/:version:2020-05-05T10:47:08/select2/selec t2.css" />\n<link rel="stylesheet" type="text/css" href="/fanstatic/c ss/:version:2020-05-05T10:47:07/main.min.css" /> n<link rel="styleshe"et" type="text/css" href="/fanstatic/vendor/:version:2020-05-05T10:4 7:08/font-awesome/css/font-awesome.min.css" />\n<link rel="styleshee" t" type="text/css" href="/fanstatic/CustomCss/:version:2020-05-04T14: 29:59/index.css" />\n<link rel="stylesheet" type="text/css" href="/fa nstatic/ckanext-geoview/:version:2018-08-27T11:01:30/css/geo-resource -styles.css" />\n<link rel="stylesheet" type="text/css" href="/fansta tic/ckanext-harvest/:version:2020-05-05T11:21:16/styles/harvest.css" <meta charset="utf-8" />\n <meta name="generator" cont</pre> />\n\n e-width, initial-scale=1.0">\n <title>Welcome - Minnesota Geospati al Commons</title>\n\n \n \n \n link rel="shortcut icon" h ref="/favicon.ico" />\n \n <script type="text/javascript">\ n (function(i,s,o,g,r,a,m){i[\'GoogleAnalyticsObject\']=r;i[r]=i  $[r] \mid | function() \{ n (i[r].q=i[r].q||[]).push(arguments) \}, i[r].l=1*new$ Date(); a=s.createElement(o), \n m=s.getElementsByTagName(o)[0]; a.asyn c=1;a.src=g;m.parentNode.insertBefore(a,m)\n }) (window,document,\'sc ript\',\'//www.google-analytics.com/analytics.js\',\'ga\');\n\n ga  $(\c)^{\prime}$  (\'create\', \'UA-60115467-1\', \'auto\', {});\n \n ga(\'set\', \'anonymizeIp\', true);\n ga(\'send\', \'pageview\');\n</script>\n <link rel="alternate" type="text/n3" href="https://</pre> gisdata.mn.gov/catalog.n3"/>\n t/ttl" href="https://gisdata.mn.gov/catalog.ttl"/>\n ="alternate" type="application/rdf+xml" href="https://gisdata.mn.gov/ catalog.xml"/>\n link rel="alternate" type="application/ld+js" on" href="https://gisdata.mn.gov/catalog.jsonld"/>\n \n\n \n <link rel="stylesheet" href="/css/geodatamn.css" />\n\n \n n n\n\n\n \n \n \n \n ead>\n\n \n <body data-site-root="https://gisdata.mn.gov/" data-loc <a href="#content">Skip to content</a></div>\n \n\n \n<heade r class="account-masthead">\n <div class="container">\n av class="account not-authed">\n \n <a href="/user/login">Log in</a>\n <a class="sub" href="/user/register">Register</a>\n \n </div>\n</header>\n\n<header clas</pre> </nav>\n s="navbar navbar-static-top masthead">\n \n <div class="containe" r">\n <div class="navbar-right">\n <button data-target="#main -navigation-toggle" data-toggle="collapse" class="navbar-toggle colla  $\label{linear} $$ \div>\n $$ \div=\norm{\div} \align{\div} \align{\d$ </button>\n <a class="logo" href="/"><img src="/MNGeospatialCommo</pre> nsLogoRGB ReversedSmall.png" alt="Minnesota Geospatial Commons" title t</div>\n</header>\n<header class="account-navlinks">\n<div class="co ntainer">\n\n <div class="collapse navbar-collapse" id="main-navig \n <nav class="section navigation">\n ation-toggle">\n \n <a href="/group">Categorie</a> s</a><a href="/organization">Organizations</a><a hr

```
ef="/dataset">Resources</a> \n
                                      <a href = "/content/?q"</p>
=news">News</a>\n
                             <a href = "/content/?q=help">He</a>
lp</a> \n
                       <a href = "/content/?q=about">About</a>
 </nav>\n
                     \n </div>\n </div>\n</header>\n\n <<d
style="background:#003865; color: white; background-image: url(\'/Buf
="...">\n\n
                <div class="row" style="padding-top: 10px; padding</pre>
-bottom: 15px; padding-left:10px; padding-right:10px">\n
<!-- -->\n
             <div class="span6">\n
                                                       <h2>Feat
ured Resource: Buffer Protection Map, Minnesota</h2>\n
<br>The Buffer Protection Map helps Minnesotans\n
understand the buffer requirements for Minnesota\xe2\x80\x99s waterwa
ys in a visual way\n\n
                                     <form style="padding-top: 2</pre>
0px;"method="get" action="https://gisdata.mn.gov/dataset/env-buffer-p
                                  <button type="submit" class="bu</pre>
              ">\n
rotection-mn
ttonGreen">Learn more</button><br><br><br><br>
                                                          </for
               </div><!-- span5 -->\n
                                                      </div>\n
                                           </div>\n
</div>\n <!--img class="splashImage" src="/Buffer-Overlay 1700
x400.jpg"-->\n\n
                 \n
                                <div class="flash-messages">\n
                              \n
                                           </div>\n
                \n
<div class="container" style="...">\n
                                        <div id="searchRowOuter"</pre>
class="row">\n
                    <div id=\'searchRow\' class="search text-cente</pre>
                <form method="get" action="/dataset">\n
r">\n
<input style=\'width: 80%; font-size:24px; padding:10px 10px; border:</pre>
1px solid black; \' type="text" class="search" name="q" value="" autoc
                                     placeholder="Search the Comm
omplete="off"\n
ons" />\n
                       <button id=\'homepageSearch\' type="submi</pre>
t" style="border:none; color: green; background-color: white; margin-
bottom: 9px; margin-left: -50px">\n
                                                   <i class="fa
fa-search fa-2x"></i>\n
                                     </button>\n
orm>\n
             </div><!-- searchRow -->\n
                                            </div>\n
                                                          </div
>\n\n </div><!-- row -->\n <div id="introRow" style="padding-le</pre>
              <div id="introContainer" class="container">\n
ft:10px">\n\n
<h1 style="text-align: center">Minnesota Geospatial Commons</h1>\n
The Minnesota Geospatial Commons is a collaborative space for users a
nd publishers of Minnesota\'s geospatial resources.\n The Commons
is used by researchers, cartographers, web and application developer
s, journalists, planners, and other citizens who need GIS\n data f
or a project.\n
                    </div><!-- introContainer -->\n </div><!--
ontainer" style="...">\n <div class="row" style="background:#E
                   <div class="text-center"><a href = "/group"> <h
BF3F7;">\n
2 style="color:#003E6B">Featured Categories</h2></a></div>\n
</div>\n <div class="row" style="background:#EBF3F7;">\n\n\n
<div class="col-xs-6 col-md-4">\n
                                          <img class=\'categoryI</pre>
consFeatured img-responsive center-block\' src="/categoryIcons/enviro
nment.png">\n
                       <div class="text-center"><a href="group/env"</pre>
ironment"><h2 style="color:#003E6B">Environment</h2></a></div>\n
<div class="text-left" style="padding-left:10px; padding-right:10px"</pre>
>\n
              Environmental resources, protection and conservation.
Examples: environmental pollution, waste storage and\n
eatment, environmental impact assessment, monitoring environmental ri
sk, nature reserves, landscape </div>\n
                                           </div>\n
```

```
<div class="col-xs-6 col-md-4">\n
                                             <img class=\'categoryIc</pre>
onsFeatured img-responsive center-block\' src="/categoryIcons/bounda
                       <div class="text-center"><a href="group/bound">
ry.png">\n
aries"><h2 style="color:#003E6B">Boundaries</h2></a></div>\n
<div class="text-left" style="padding-left:10px; padding-right:10px"</pre>
               Legal land descriptions. Examples: political and admi
                                   </div>\n
nistrative boundaries</div>\n
ass="col-xs-6 col-md-4">\n
                                     <img class=\'categoryIconsFeat</pre>
ured img-responsive center-block\' src="/categoryIcons/transportatio
                        <div class="text-center"><a href="group/tra">
n.png"><br>\n
nsportation"><h2 style="color:#003E6B">Transportation</h2></a></div>\
             <div class="text-left" style="padding-left:10px; paddin</pre>
g-right:10px">\n
                           Means and aids for conveying persons and
/or goods. Examples: roads, airports/airstrips, shipping routes, \n
tunnels, nautical charts, vehicle or vessel location, aeronautical ch
arts, railways </div>\n
                               </div>\n\n
                                            </div>\n
                                                                 <di
v class="row" style="background:#EBF3F7;">\n
                                                      <div class="t
ext-right" style="padding-right:5px"><a style="font-weight: bold" hre
</div><!-- container -->\n</div>\n\n<div class="container">\
n\n <div class="row" >\n
                               <!-- -->\n
                                                        <div class
="col-xs-12 col-md-6" >\n
                                          <div style="padding-left:1</pre>
0px;padding-right:10px">\n
                                         <h2>What\'s In My Neighborh
ood Sites</h2>\n\n
                                   The <a href="https://gisdata.m"
n.gov/dataset/env-my-neighborhood">MPCA\'s What\'s in My Neighborhood
                        contains a wide variety of environmental in
</a>\n
formation about\n
                                your community. This includes potent
ially contaminated sites, permits, licenses, \n
ations, inspections, and closed enforcement activities.
The Minnesota Department of Agriculture (MDA) is the lead agency f
or response to, and cleanup of\n
l chemical contamination in Minnesota. As a result, MDA also maintain
                              <a href="https://gisdata.mn.gov/datase</pre>
t/env-agchem-incidents">What\xe2\x80\x99s\n
In My Neighborhood</a> application that contains data on agricultural
chemical incidents.
                                      </div>\n
<!-- span5 -->\n
                            <div class="col-xs-12 col-md-6">\n
<img style="padding-top: 25px" class="img-responsive center-block" sr</pre>
c="/photos800x400/Farm.jpg">\n
                                          </div><!-- span5 -->\n\n
        </div><!-- row -->\n <div class="row text-right" style="p
n\n
adding-right:5px"><a style="font-weight: bold" href="/dataset">View A
11 Resources</a></div>\n</div> <!-- container-->\n\n<div style="backg"</pre>
round:#003865; color: white">\n<div class="container">\n
                     <!--div class="container"-->\n
lass="row">\n
                                                                  <d
iv class="span6">\n
                                      <div id="featured"></div>\n
</div><!-- span7 -->\n\n
                                    <div class="span6">\n
<h2>Become a publisher</h2>\n
                                       The Minnesota Geospatial Inf
ormation Office (MnGeo) will work with interested partners to make th
                           geospatial resources available on the Co
eir Minnesota\n
mmons. We would like you to be one of those\n
              <form style="padding-top: 20px;"method="post" action="</pre>
https://gisdata.mn.gov/content/?q=help/become publisher">\n
<button type="submit" class="buttonGreen">Become a publisher</button</pre>
                                       </div><!-- span4 -->\n
>\n
                </form>\n
```

</div><!-- row -->\n <!--/div><!-- container -->\n <!-- container -->\n </div>\n <div class="row" >\n\n <div class="text-center"><h2><a href = "/content">Recent News</a></h2</pre> </div><!-- end title row-->\n <div class="conta \n\n<span style="color:red" id="tmpNewsList"></span>\n<div id="newsLi</pre>  $\n\$  </div><!-- end row -->\n st" class="">\n</div>\n -right:5px"> <a style="font-weight: bold" href="/content/?q=news">Vie w All News $</a></span>\n </div>\n$  $</div>\n\n\n\n\n\n\/$ div > <!-- end main  $--> \n\$ <footer class="site-footer" style="backg round:#003865; color: white">\n <div class="container" >\n <div class="row" >\n <div class="col-xs-6 col-md-4 footer-link"</pre> <h3>Resources</h3>\n \n\n <a href="/content/?q=help/what is a resource">What is a resourc e?</a> ing using resources">Accessing & Using Resources</a> <a href="/content/?q=help/maintain resources">Maintaining Resourc <a href="http://docs.ckan.org/en/ckan-2.2."</pre> es</a>3/api.html">Data access API</a> <div class="col-xs-6 col-md-4 footer-links">\n <h3>Publishing \n\n <a href="/conte \n nt/?q=about">About the Commons</a> <a h ref="/content/?q=help/become publisher">Becoming a Publisher</a> <a href="/content/?q=help/publisher expectation">href="/content/?q=help/publisher expectation">href="/con s">Expectations for Publishers</a>\n <a href="/cont ent/?q=help/publishing overview">How do I publish resources?</a></li <div class="col-xs-6 col-md </div>\n <h3>Connect with us</h3>\n -4 footer-links">\n  $s="unstyled">\n$ <a href="mailto:gisinfo.mngeo@state.mn.u"> s">Email us</a>\n \n\n \ Subscribe for e-mail updates <form action="https://public.govdelivery.com/accounts/MNIT/subscribe</pre> rs/qualify" accept-charset="UTF-8" method="post"><input name="utf8" t ype="hidden" value="✓" /><input type="hidden" name="authentici</pre> ty token" value="H2h7ipmCjijHH226zV1zvLT//LB+3yi/WrH7sm2orBVehtTeubuH T+qMcFo6TnqLanvGPqKbWBnDx/NhPKR8vq==" />\n<input type="hidden" name=" topic id" id="topic id" value="MNIT 62" />\n<input style=\'width: 160 px; border: 1px solid black; margin-top:23px; padding:5px 5px; \' type ="text" name="email" id="email" value="" autocomplete="off"\n placeholder="Enter your e-mail." />\n <button type="submit"</pre> class="buttonGreen">Subscribe </button>\n  $</form>\n\n\n$ </div>\n\n \n \n \n \n \n \n <div class="js-hide" data-module="google-analytics"\n data-module-googleanalytics res ource prefix="">\n </div>\n \n\n \n <script>document.getE lementsByTagName(\'html\')[0].className += \' js\';</script>\n<script</pre> type="text/javascript" src="/fanstatic/vendor/:version:2020-05-05T10: 47:08/jquery.min.js"></script>\n<script type="text/javascript" src="/ fanstatic/vendor/:version:2020-05-05T10:47:08/:bundle:bootstrap/js/bo otstrap.min.js;jed.min.js;moment-with-locales.js;select2/select2.min. js"></script>\n<script type="text/javascript" src="/fanstatic/base/:v ersion:2020-05-05T10:47:07/:bundle:plugins/jquery.inherit.min.js;plug ins/jquery.proxy-all.min.js;plugins/jquery.url-helpers.min.js;plugins

/jquery.date-helpers.min.js;plugins/jquery.slug.min.js;plugins/jquer y.slug-preview.min.js;plugins/jquery.truncator.min.js;plugins/jquery. masonry.min.js;plugins/jquery.form-warning.min.js;plugins/jquery.imag es-loaded.min.js;sandbox.min.js;module.min.js;pubsub.min.js;client.mi n.js;notify.min.js;i18n.min.js;main.min.js;modules/select-switch.min. js; modules/slug-preview.min.js; modules/basic-form.min.js; modules/conf irm-action.min.js;modules/api-info.min.js;modules/autocomplete.min.j s; modules/custom-fields.min.js; modules/data-viewer.min.js; modules/tab le-selectable-rows.min.js;modules/resource-form.min.js;modules/resour ce-upload-field.min.js;modules/resource-reorder.min.js;modules/resour ce-view-reorder.min.js; modules/follow.min.js; modules/activity-stream. min.js; modules/dashboard.min.js; modules/resource-view-embed.min.js; vi ew-filters.min.js;modules/resource-view-filters-form.min.js;modules/r esource-view-filters.min.js; modules/table-toggle-more.min.js; modules/ dataset-visibility.min.js; modules/media-grid.min.js; modules/image-upl oad.min.js;modules/followers-counter.min.js"></script>\n<script type</pre> ="text/javascript" src="/fanstatic/ckanext-googleanalytics/:version:2 018-10-24T10:17:47/googleanalytics event tracking.js"></script>\n<scr 

```
In [4]:
        from ftplib import FTP ##Method1: attempting to parse by ftp method.
In [5]:
        ftp = FTP("FTP.LMIC.STATE.MN.US")
In [6]:
        ftp.login()
Out[6]: '230 Login successful.'
In [7]:
        ftp.cwd("pub")
Out[7]: '250 Directory successfully changed.'
In [8]:
        ftp.cwd("data")
Out[8]: '250 Directory successfully changed.'
In [9]:
        ftp.retrlines('LIST')
        -rwxrw-r--
                      1 1105
                                  1105
                                               1196 Sep 20
                                                             2008 README.TXT
                       2 1105
                                  1105
                                               4096 Feb 22
                                                            2016 admin poli
        drwxrwsr-x
                       3 1105
                                  1105
                                               4096 Jun 08 2020 basemaps
        drwxrwsr-x
        drwxr-sr-x
                       3 0
                                  1105
                                               4096 May 03 2018 demography
                      2 2002
                                               4096 May 02
                                  1105
                                                             2014 economy
        drwxrwsr-x
                      4 0
                                  \cap
                                               4096 Feb 06
                                                             2013 elevation
        drwxrwsr-x
                       2 1105
        drwxrwsr-x
                                  1105
                                               4096 Jan 26
                                                             2006 health
                      7 1105
                                  1105
                                               4096 Mar 06
                                                             2012 phys biol
        drwxrwsr-x
        drwxrwsr-x
                      8 1105
                                  1105
                                               4096 Feb 06
                                                             2015 remote sensin
        drwxr-sr-x
                      2 2001
                                  1105
                                               4096 Sep 15
                                                             2014 reports
                      2 1105
                                  1105
                                               4096 Jun 14
                                                             2005 social
        drwxrwsr-x
                      2 1105
                                  1105
                                               4096 Feb 22
                                                             2016 trans util
        drwxrwsr-x
                                               4096 Dec 07 2015 usgs base
                       3 1105
                                  1105
        drwxrwsr-x
Out[9]: '226 Directory send OK.'
```

D:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\lib\site-pa ckages\urllib3\connectionpool.py:988: InsecureRequestWarning: Unverif ied HTTPS request is being made to host 'gisdata.mn.gov'. Adding cert ificate verification is strongly advised. See: https://urllib3.readth edocs.io/en/latest/advanced-usage.html#ssl-warnings InsecureRequestWarning,

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D:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\lib\site-pa ckages\urllib3\connectionpool.py:988: InsecureRequestWarning: Unverif ied HTTPS request is being made to host 'gisdata.mn.gov'. Adding cert ificate verification is strongly advised. See: https://urllib3.readth edocs.io/en/latest/advanced-usage.html#ssl-warnings InsecureRequestWarning,

Out[10]:

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D:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\lib\site-pa ckages\urllib3\connectionpool.py:988: InsecureRequestWarning: Unverif ied HTTPS request is being made to host 'gisdata.mn.gov'. Adding cert ificate verification is strongly advised. See: https://urllib3.readth edocs.io/en/latest/advanced-usage.html#ssl-warnings InsecureRequestWarning,

Out[11]:

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In [31]: r= requests.get("https://gisdata.mn.gov/api/3/action/package_search?q=t
    rails", auth=('user', 'pass'), verify= False) ##This is a search qu
    r.content
```

D:\Program Files\ArcGIS\Pro\bin\Python\envs\arcgispro-py3\lib\site-pa ckages\urllib3\connectionpool.py:988: InsecureRequestWarning: Unverif ied HTTPS request is being made to host 'gisdata.mn.gov'. Adding cert ificate verification is strongly advised. See: https://urllib3.readth edocs.io/en/latest/advanced-usage.html#ssl-warnings InsecureRequestWarning,

Out[31]:

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t (Minnesota Statutes Chapter 13). If the dataset is not available fr om the Online Linkage in Section 6, please contact the Distribution C ontact Person."}, {"key": "dsCurrentRef", "value": "Data current as o f the Time Period of Content Date above. Updated as new/corrected in formation becomes available."}, {"key": "dsMetadataUrl", "value": "ht tps://resources.gisdata.mn.gov/pub/gdrs/data/pub/us mn state metc/tra ns regional trails search cor/metadata/metadata.html"}, {"key": "dsMo difiedDate", "value": "2020-11-19 00:21:01"}, {"key": "dsOriginator", "value": "Metropolitan Council"}, {"key": "dsPeriodOfContent", "valu e": "2/14/2019"}, {"key": "dsPurpose", "value": "This layer was creat ed to show potential additions to the existing Regional Park and Trai 1 System for regional analysis and planning."}, {"key": "gdrsDsGuid", "value": "{c347fc1b-6a4d-4922-8ab6-75f8d77e24f2}"}, {"key": "spatia 1", "value": "{\\"type\\":\\"Polygon\\",\\"coordinates\\":[[[-94.012, 44.471], [-94.012, 45.415], [-92.732, 45.415], [-92.732, 44.471], [-9 4.012, 44.471]]]}"}], "title": "Regional Trail Search Corridors", "re vision id": "34d70c3f-1c35-44f1-8bfe-e99d65d3485f"}, {"license titl e": "License not specified", "maintainer": null, "relationships as ob ject": [], "private": false, "maintainer email": null, "num tags": 5, "id": "09834b53-6aad-450b-bc36-56cb4b33182e", "metadata created": "20 14-06-25T21:29:01.530838", "metadata modified": "2021-02-04T09:12:21. 162855", "author": null, "author\_email": null, "state": "active", "ve rsion": null, "creator user id": null, "type": "dataset", "resource s": [{"mimetype": null, "cache url": null, "hash": "", "description": "", "gdrsResGuid": "", "cache\_last\_updated": null, "url": "https://re sources.gisdata.mn.gov/pub/gdrs/data/pub/us mn state dnr/trans state trails\_minnesota/preview/preview.jpg", "name": "Static Preview - Samp le Image", "format": "JPEG", "package id": "09834b53-6aad-450b-bc36-5 6cb4b33182e", "created": "2021-02-04T09:12:22.534074", "state": "acti ve", "mimetype inner": null, "last modified": null, "position": 0, "r evision id": "c8099b00-dfeb-4705-b77c-d286287fef4c", "url\_type": nul 1, "id": "c8feb07b-804d-4d96-bd97-fe26d2870bb4", "resource type": "pr eview", "size": null, {"mimetype": null, "cache url": null, "hash": "", "description": "", "gdrsResGuid": "{6dc0675f-fac5-4feb-adc4-aa701 6839154}", "cache last updated": null, "url": "https://resources.gisd ata.mn.gov/pub/gdrs/data/pub/us mn state dnr/trans state trails minne sota/shp trans state trails minnesota.zip", "name": "Shapefile", "for mat": "SHP", "package id": "09834b53-6aad-450b-bc36-56cb4b33182e", "c reated": "2021-02-04T09:12:22.534083", "state": "active", "mimetype i nner": null, "last\_modified": null, "position": 1, "revision\_id": "c8 099b00-dfeb-4705-b77c-d286287fef4c", "url\_type": null, "id": "273dd40 4-4082-4123-9f04-34917ef6ef14", "resource\_type": "shp", "size": nul 1}, {"mimetype": null, "cache\_url": null, "hash": "", "description": "", "gdrsResGuid": "{2b707042-72d9-4d6b-a6e1-9def7c8fabe6}", "cache 1 ast updated": null, "url": "https://resources.gisdata.mn.gov/pub/gdrs /data/pub/us mn state dnr/trans state trails minnesota/gpkg trans sta te trails minnesota.zip", "name": "OGC GeoPackage", "format": "gpkg", "package id": "09834b53-6aad-450b-bc36-56cb4b33182e", "created": "202 1-02-04T09:12:22.534088", "state": "active", "mimetype inner": null, "last\_modified": null, "position": 2, "revision\_id": "c8099b00-dfeb-4 705-b77c-d286287fef4c", "url type": null, "id": "559fa14c-792b-495b-b 290-f40de25f2d2c", "resource type": "gpkg", "size": null}, {"mimetyp e": null, "cache url": null, "hash": "", "description": "", "gdrsResG uid": "{11390a3a-3b07-43e4-948d-5d5788533d48}", "cache last updated":

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stribution Contact Person."}, {"key": "dsCurrentRef", "value": "This dataset is aggregated by MetroGIS and published as a regional datase t. The data is current as of the listed Publication Date. It will be aggregated in July and January, or more frequently depending on need and availability of updates from the participating agencies."}, { "ke y": "dsMetadataUrl", "value": "https://resources.gisdata.mn.gov/pub/g drs/data/pub/us mn state metrogis/trans metro colabtiv trails bike/me tadata/metadata.html"}, {"key": "dsModifiedDate", "value": "2020-11-2 0 00:36:10"}, {"key": "dsOriginator", "value": "Metro Park and Trail Data Collaborative"}, {"key": "dsPeriodOfContent", "value": "2/3/202 0"}, {"key": "dsPurpose", "value": "The goal of the Metro Trails and Bikeways project is to facilitate the creation and sustained maintena nce of a metro-wide dataset that can be used to meet the needs of loc al and regional agencies, as well as residents."}, {"key": "gdrsDsGui d", "value": "{6ad64e35-ed64-4dec-80ca-c949038c8ce0}"}, {"key": "spat ial", "value": "{\\"type\\":\\"Polygon\\",\\"coordinates\\":[[[-94.01 2, 44.471], [-94.012, 45.415], [-92.732, 45.415], [-92.732, 44.471], [-94.012, 44.471]]]}"}], "title": "Metro Collaborative Trails and Bik eways", "revision id": "64f3e1cd-ca94-4512-9418-a19b085fc208"}, {"lic ense title": "License not specified", "maintainer": null, "relationsh ips as object": [], "private": false, "maintainer email": null, "num tags": 3, "id": "75c2ef3a-e876-403f-9844-2c50b7e674c7", "metadata cre ated": "2020-01-25T11:02:42.506067", "metadata modified": "2020-09-11 T08:04:51.721331", "author": null, "author email": null, "state": "ac tive", "version": null, "creator user id": "61044ca7-ee56-4019-aef7-f 7c3b5e06e3a", "type": "dataset", "resources": [{"mimetype": null, "ca che url": null, "hash": "", "description": "", "gdrsResGuid": "", "ca che last updated": null, "url": "https://resources.gisdata.mn.gov/pub /gdrs/data/pub/us mn state dnr/struc dnr walk in access trails/metada ta/preview.jpg", "name": "Static Preview - Sample Image", "format": " JPEG", "package id": "75c2ef3a-e876-403f-9844-2c50b7e674c7", "create d": "2020-09-11T08:04:51.939880", "state": "active", "mimetype inne r": null, "last modified": null, "position": 0, "revision id": "c5c84 be3-c22f-4c0d-b205-52bf1ffe0f66", "url type": null, "id": "760fc9b0-9 7cf-4513-8b65-2ef328c8adc7", "resource type": "preview", "size": nul 1}, {"mimetype": null, "cache url": null, "hash": "", "description": "", "gdrsResGuid": "{d1e6ff40-3c76-4b82-a482-3244ca77534b}", "cache 1 ast updated": null, "url": "https://resources.gisdata.mn.gov/pub/gdrs /data/pub/us mn state dnr/struc dnr walk in access trails/fgdb struc dnr walk in access trails.zip", "name": "ESRI File Geodatabase", "for mat": "fgdb", "package id": "75c2ef3a-e876-403f-9844-2c50b7e674c7", " created": "2020-09-11T08:04:51.939891", "state": "active", "mimetype inner": null, "last modified": null, "position": 1, "revision id": "c 5c84be3-c22f-4c0d-b205-52bf1ffe0f66", "url type": null, "id": "679c54 8b-b2e7-4cb8-a3cc-0e3b8e25db31", "resource type": "fgdb", "size": nul 1}, {"mimetype": null, "cache url": null, "hash": "", "description": "", "gdrsResGuid": "{2c5b0deb-6f13-43b6-9162-3fe0d9c6ffad}", "cache l ast updated": null, "url": "https://resources.gisdata.mn.gov/pub/gdrs /data/pub/us mn state dnr/struc dnr walk in access trails/gpkg struc dnr\_walk\_in\_access\_trails.zip", "name": "OGC GeoPackage", "format": " gpkg", "package id": "75c2ef3a-e876-403f-9844-2c50b7e674c7", "create d": "2020-09-11T08:04:51.939895", "state": "active", "mimetype inne r": null, "last\_modified": null, "position": 2, "revision\_id": "c5c84

In [ ]: ##I undersand that I can parse to the file but I am not sure how.

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