green\_space Shapefile Data Analysis Report

# Folder Contents:

The following files were found in the folder:

* GB\_AccessPoint.dbf: Size: 38167051 bytes
* GB\_AccessPoint.prj: Size: 441 bytes
* GB\_AccessPoint.shp: Size: 14353472 bytes
* GB\_AccessPoint.shx: Size: 2609804 bytes
* GB\_GreenspaceSite.dbf: Size: 172215256 bytes
* GB\_GreenspaceSite.prj: Size: 441 bytes
* GB\_GreenspaceSite.shp: Size: 90391388 bytes
* GB\_GreenspaceSite.shx: Size: 1258292 bytes
* Total Folder Size: 318996145 bytes

# Access Point Shapefile Analysis

# Shapefile Analysis:

* Geometry Type: Point
* Number of Records: 326213
* Features/Attributes: id, accessType, refToGSite, geometry
* Coordinate Reference System (CRS): EPSG:27700
* File Size: 14353472 bytes

Each AccessNode has a corresponding site. The refToGSite field is a reference for each site.

# Plot of Dataset

First row of Access Point shapefile

A screenshot of a video game

Description automatically generated

# GeoJSON Sample Data

Sample GeoJSON content (first 500 characters):

{  
"type": "FeatureCollection",  
"name": "sample",  
"crs": { "type": "name", "properties": { "name": "urn:ogc:def:crs:EPSG::27700" } },  
"features": [  
{ "type": "Feature", "properties": { "id": "98924CC4-7CE0-4B32-9441-1E5DE45A33A5", "accessType": "Pedestrian", "refToGSite": "1E2750FA-75AE-3552-E063-AAEFA00A7A80" }, "geometry": { "type": "Point", "coordinates": [ 451533.850000000034925, 1190791.0, 0.0 ] } },  
{ "type": "Feature", "properties": { "id": "A9AAA592-C076-4A5A-A41C-0E0D4B8C6847", "accessTy

# Green Space Shapefile Analysis

# File Analysis:

* Geometry Type: Polygon, MultiPolygon
* Number of Records: 157274
* Features/Attributes: id, function, distName1, distName2, distName3, distName4, geometry
* Coordinate Reference System (CRS): EPSG:27700
* File Size: 90391388 bytes

The function column contains the identifiers to what kind of green space each of data rows

Is. Here is the list of different identifiers:

* 'Religious Grounds',
* 'Play Space',
* 'Cemetery',
* 'Other Sports Facility',
* 'Tennis Court',
* 'Playing Field',
* 'Golf Course',
* 'Public Park Or Garden',
* 'Bowling Green',
* 'Allotments Or Community Growing Spaces'

# Plot of Data

A map of a building

Description automatically generatedFirst row of green space shapefile:

Here is a plot of a subset of the data, applying a colour mapping to different types of green spaces:

A map of a city

Description automatically generated

# GeoJSON Sample Data

Sample GeoJSON content:

{  
"type": "FeatureCollection",  
"name": "green\_space\_sample",  
"crs": { "type": "name", "properties": { "name": "urn:ogc:def:crs:EPSG::27700" } },  
"features": [  
{ "type": "Feature", "properties": { "id": "1E2750FA-75AE-3552-E063-AAEFA00A7A80", "function": "Religious Grounds", "distName1": "St John's Church", "distName2": null, "distName3": null, "distName4": null }, "geometry": { "type": "Polygon", "coordinates": [ [ [ 451533.850000000034925, 1190791.0, 0.0 ], [ 451541.5, 1190791.2, 0.0 ], [ 451538.200000000011642, 1190782.2, 0.0 ], [ 451548.700000000011642, 1190782.6, 0.0 ], [ 451549.450000000011642, 1190761.41, 0.0 ], [ 451519.600000000034925, 1190760.2, 0.0 ], [ 451518.5, 1190790.6, 0.0 ], [ 451533.850000000034925, 1190791.0, 0.0 ] ] ] } },  
{ "type": "Feature", "properties": { "id": "1E2750FA-76E1-3552-E063-AAEFA00A7A80", "function": "Play Space", "distName1": null, "distName2": null, "distName3": null, "distName4": null }, "geometry": { "type": "Polygon", "coordinates": [ [ [ 462520.89000000001397, 1190881.72, 0.0 ], [ 462524.51, 1190902.05, 0.0 ], [ 462535.080000000016298, 1190896.379999999888241, 0.0 ], [ 462531.88, 1190877.58, 0.0 ], [ 462520.44, 1190879.2, 0.0 ], [ 462520.89000000001397, 1190881.72, 0.0 ] ] ] } },  
{ "type": "Feature", "properties": { "id": "1E2750FA-75A2-3552-E063-AAEFA00A7A80", "function": "Cemetery", "distName1": null, "distName2": null, "distName3": null, "distName4": null }, "geometry": { "type": "MultiPolygon", "coordinates": [ [ [ [ 451419.62, 1190989.390000000130385, 0.0 ], [ 451418.76, 1191007.75, 0.0 ], [ 451440.87, 1191009.16, 0.0 ], [ 451441.78000000002794, 1190988.610000000102445, 0.0 ], [ 451461.400000000023283, 1190989.8, 0.0 ], [ 451470.400000000023283, 1190957.0, 0.0 ], [ 451468.700000000011642, 1190931.8, 0.0 ], [ 451447.100000000034925, 1190928.0, 0.0 ], [ 451439.200000000011642, 1190927.2, 0.0 ], [ 451419.62, 1190989.390000000130385, 0.0 ] ] ], [ [ [ 451407.910000000032596, 1190990.129999999888241, 0.0 ], [ 451413.12, 119098